

RIVERSIDE COURSE INFORMATION 2020-2021

RIVERSIDE PREPARES STUDENTS FOR THE 21ST CENTURY by offering a comprehensive secondary school experience.

CHOOSING COURSES

We encourage students to read course descriptions carefully and consult with their parents and their counsellor before finalizing course selections for next year. In selecting courses, particularly for grade 10 and 11 students, post-secondary options should be considered.

Students are expected to take courses sequentially. Regardless of a student's grade level, students should enroll in the first level of a course if they are selecting the area of study for the first time with one exception. Students in grade 11 may choose a Foods 11 course without completing the grade 10 level course.

THE GRADUATION PROGRAM

In order to graduate with a Dogwood, every student has to pass certain basic courses. The table below is an overview of what you need to graduate. Each course is worth 4 credits.

48 credits from required courses

28 credits from elective courses

4 credits from Career Life Connections 12 & Capstone

REQUIRED COURSES (48 credits minimum)	ELECTIVE COURSES (28 credits minimum)
Career Life Education 10	
a Language Arts 10	
a Language Arts 11	TOTAL CREDITS (80 minimum*)
a Language Arts 12	*At least 16 credits must be from 12-level courses
a Mathematics 10	including a Language Arts 12 course
a Mathematics 11 or 12	
At least one Fine Arts or Applied Skills 10, 11 or 12	
Social Studies 10	
Social Studies 11 Exploration or a Social Studies 12	
Science 10	
a Science 11 or 12	
Physical Education 10	
Career Life Connections 12 & Capstone	

COURSE FEES

Please note that there are no course fees charged for individual courses. However, fees may be assessed for optional field trips in some courses, optional projects over and above the basic requirements in some courses and optional workbooks.

ATHLETIC FEES

In order to offset the costs of optional extracurricular athletics, student participants are charged a yearly "athletic fee" in addition to an "individual sport fee" which varies by sport (up to \$300). For complete details please refer to information on our web site.

FRENCH IMMERSION

French Immersion students will select required courses and also have the opportunity to enrich their studies with a number of optional courses.

	Grade 9	Grade 10	Grade 11	Grade 12
Required	Français 9 Sciences Humaines 9 Conversation 10	Français 10 Sciences Humaines 10 Éducation aux choix de carrière et de vie 10	One of: Langue et culture de la francophonie 11 Médias et communication numérique 11 Étude du cinéma et littérature 11 One of (taken in Grade 11 or 12): Histoire 12 Cultures comparées 12	Français 12 If not taken in Grade 11, one of: Histoire 12 Cultures comparées 12
Optional	Études des Aliments 10	Études des Aliments 10 Études des Aliments 11 Communication orale 11 <i>(Formerly Communication 10)</i>	Étude des Aliments 11 Communication orale 11 <i>*(Formerly Communication 10)</i> Histoire 12 Cultures comparées 12 Peer Tutoring 11	Étude des Aliments 11 Communication orale 11 <i>*(Formerly Communication 10)</i> Communication orale 12 <i>*(Formerly Conversation 12)</i> Histoire 12 Cultures comparées 12 Peer Tutoring 11

Note: Students must take at least one of the (*) optional courses in the grade 10, 11 or 12 year but may take more than one Immersion option if desired. Students may take a course only once for credit.

HOCKEY ACADEMY

Hockey 10

Hockey 11

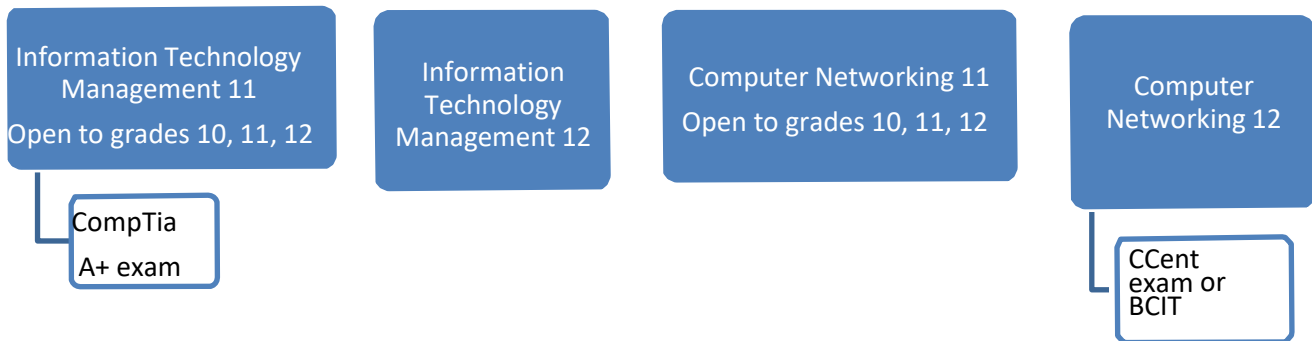
Hockey 12

Riverside's Hockey Academy is open to all grades and all skill levels. Organized in partnership with RPM Hockey, the Academy offers power skating, hockey skills, off-ice conditioning and more. The class is conducted at the Port Coquitlam Community Center ice arena. A fee of \$264 per month (5 months) includes ice time, coaching and Academy wear. Students must provide their own equipment. Admission is by application with priority given to Riverside catchment area students. Space is limited.

Application available on Riverside's public website.

COMPUTER NETWORKING PROGRAM

This career program offered through **Riverside Secondary School** provides an excellent opportunity for students to obtain professional certification in computer networking and related employable skills. Students who are intent on pursuing a career in computers should seriously consider this head start program. Successful students are eligible for advanced placement at BCIT, and qualify to write the industrial certifications COMPTIA A+ and CISCO CCNA. The program includes a blend of professional skills that incorporate both management and computer work. Students model networking strategies to help them deal with real life problems related to both technical and social issues. In addition, this career program is an excellent choice to prepare students for entering the BCIT post-secondary Computer Information Systems Technician (CIST) program, or a computing science degree at a university. Completion of all courses will provide advanced placement in BCIT.



SCIENCE CO-OP 11

Chemistry 11 Co-Op
Pre-Calculus Math 11 Co-Op

Physics 11 Co-Op
Work Experience 12 Co-Op

This exciting career program will offer Grade 11 students the opportunity to enroll in Chemistry 11, Physics 11, Pre-Calculus 11 and Work Experience 12 in the first semester of their grade 11 year (see individual course descriptions for more detail). Students will be grouped together as a “cohort” for these classes. The selected courses provide a foundation for further science studies and entrance into a university science program. Students will use technology to assist with their explorations and can borrow a device from the school. Access to various technologies is provided to ensure learning outcomes can be met. Enrollment is limited based on available space. Teaching times will be adjusted so that all students in the program can go on their Work Experience after Christmas break (90 hours) and **not miss classes**. Work Experience placements will be in a science related field. It is recommended that students have a C+ or better in Math 10 Foundations and Science 10.

CULINARY ARTS APPRENTICESHIP PROGRAM

Students have the opportunity to earn Level One Red Seal Certification credits in Culinary Arts while still attending regular courses at Riverside Secondary. Students will be required to take 6 culinary courses over their grade 11 and 12 years. In addition, students will also be required to take Work Experience 12A or be working in a related apprenticeship. Following successful completion of all five Riverside courses, students will find excellent career opportunities. **District Application required.** For more information contact your school counsellor and/or visit the school district website.

RIVERSIDE OUTDOOR EDUCATION PROGRAM 10

Riverside’s outdoor education program aims to help students foster leadership skills, environmental responsibility, knowledge of local recreational areas, and build community while strengthening outdoor skills and providing challenge. Learning will take place in the classroom and outdoors through various day trips and some overnight trips. Students will receive credit for the following courses: Science 10, Math Foundation and Pre-Calculus 10, Physical and Health Education 10, Leadership 10 (see individual course descriptions for more detail). Students will receive a certificate in basic first aid and RCABC basic lake water canoeing solo and tandem. Outdoor activities will include but are not limited to hiking, backpacking, skiing, snowshoeing, and canoeing. Cost of \$500 includes costs of some transportation, third-party instruction, camping fees and some equipment rentals. Contact Ms. McArthur at emcarthur@sd43.bc.ca for an application. **Applications are due in March 2020.**

WORK EXPERIENCE 12

Work Experience courses give students a unique opportunity to gain “on-the-job” experience in their chosen field. This improves their resumes and possibilities of employment in their chosen fields while furthering their studies. Research has shown that students who focus their studies in a specific career area that interests them are more engaged in school, do better academically and are motivated to graduate. Work Experience 12 consists of 30 hours of pre-employment instruction (resume, interviews, Worksafe BC, career exploration, post-secondary options) followed by 90 hours of work experience out in the community. The 90 hours may be obtained by working after school, weekends and holidays. However, in some cases students must miss classes to complete their placement. Successful students are those who demonstrate good attendance, responsible communication and diligent work habits in both the instruction portion and on the job.

COURSE DESCRIPTIONS

All courses offered at Riverside during the next school year are listed below by department. Students are advised to familiarize themselves with the basic content of courses before carefully making their course selections. Staffing and scheduling are done based on students' selections therefore, course changes are not easily accommodated and may not be approved.

Pre-requisites: Students are expected to take courses sequentially. Regardless of a student's grade level, students should enroll in the first level of a course if they are selecting the area of study for the first time with one exception. Students in grade 11 may choose a Foods 11 course without completing the grade 10 level course.

ART

3D GAME DESIGN 12 (YPPR-2A)

3D Game Design is a hands-on experience on how to create your own 3D game. Participating students will be given the knowledge and training in modeling, animating, and designing their own 3D Game. 3D Game Design 12 allows students to explore any game design platform and/or genre. This course is self-paced and some game programming using C#. Course materials are provided online. Software includes the popular game design suite "Unity" and "Blender" is used for 3D modeling. **Students should take Media Design before taking this course.**

ANIMATION 12 (YCCT-2A)

Students will learn the ability to identify, describe, analyze, interpret and make judgments about the visual elements and principles of art and design as used in animation. In Animation 12, students may choose to explore the curriculum in either 2D (hand drawn) or 3D animation. The course will be delivered in a way that simulates what is done in the real workforce at an animation studio and expose students to the skills that will prepare them for post-secondary.* **Students should take Media Design before taking this course.**

ART STUDIO 10 (MVAS10)

Whether an experienced artist or a beginner, this course will help students to develop artistic skills, and learn how art impacts our entire world. This is a sampler class where you will try many different methods of Art making, such as drawing and shading in 3D, using pastels or ink, painting with acrylic or watercolours, sculpting, printmaking, and try pottery and collage. Develop your own personal style, your creativity and increase your Art skills in a relaxing and supportive environment. This is the right course for the beginner and for the experienced artist who already knows how to draw and paint but wants to refine their skills and confidence for further Art studies.

ART STUDIO 11 (MVAS11)

Art teaches us to think differently – it is the concert combination of creative and critical thinking. This class provides you creative practices that allow you to express yourself through a wide range of art methods. Projects involve 2-D and 3-D practices that include assemblage, sculpture, printmaking, design, ceramics, drawing and painting. Whether you have planned a career in art or just want to be more creative and explore different art techniques, Art 11 will broaden your creative horizons and help you to start building your portfolio.

ART STUDIO 12 (MVAS12)

Students must have completed an Art 11 course prior to taking this course. In Art Studio 12 you explore concepts and methods that extend methods in drawing & painting, sculpture, printmaking, design, collage, and ceramics. The projects challenge students to create authentic images and work toward a personal style of expression. There is also an emphasis on a deeper understanding of the creative process, on Art history, on preparing an Art portfolio, and preparing Art for public display. This course provides senior students an enjoyable artistic opportunity within the schedule of an academic load.

STUDIO ARTS 3D 10 CERAMICS (MVAC-10)

Designing and building in three dimensions is the ultimate artistic challenge. Learn how to think and then build in 3-D using Mother Nature's ultimate building material-clay. Making one's day with clay is relaxing and fun. Various clay techniques such as pinch, coil, slab and wheel throwing will be taught. Students will also learn to finish their work using under glaze, glaze, and cold finishing techniques. Other 3D materials may be added.

STUDIO ARTS 3D 11 CERAMICS (MVAC-11)

Planning a career in science? In medicine? In Dentistry? Animation? All of these careers and many more require that you understand how to think and build in three dimensions. In Studio Arts 3D 11 you will learn the Art of clay as one of the oldest, yet most versatile building materials known. Learn the various hand building, wheel throwing and decorating techniques. Other sculptural media such as wood, wire, plaster and stone may be explored.

STUDIO ARTS 3D 12 CERAMICS (MVAC-12)

Students must have completed STUDIO ARTS 3D 11 prior to taking this course. This course will give students who have learned basic hand-building and wheel techniques the opportunity to undertake extended studio projects. Further opportunities will be given to work in rigid materials and to make glazes. This course is for students who have completed Studio Arts 3D 11 and want to pursue further study in the art of clay.

STUDIO ARTS 2D 11 (MVAD-11)

Drawing and painting skills are the foundation of art and are used in areas such as computer animation, graffiti and tattoo art, and interior & fashion design. In this course you will learn how to draw realistically, to shade to make things look 3D and to develop your own personal style. You will experiment with many media such as pencil, pen, pastel, watercolour, ink, and acrylic paint. This course is designed for students who want growth and experience specifically with drawing and painting techniques. Enjoy open-ended projects that provide freedom to explore ones' own ideas and style. This course is valuable for students who are interested in art as a hobby, those who want to express themselves creatively and those thinking of a future career in the arts.

STUDIO ARTS 12 (MVAD-12)

Students must have completed STUDIO ARTS 11 before enrolling in this course. Students will broaden and deepen their drawing and painting repertoires through the practices of increasingly complex techniques and artistic concepts. The emphasis is on personal imagery, skill development and exploration. Explore a wide variety of media, grounds, sizes and artistic challenges. Prepare and hang your works for public display. This course is ideal for those who want to further develop their art skills and creativity, including those interested in going on in an art field, and who want to build their portfolio.

FILM AND TV 11 (MDFT-11)

Film 11 is a hands-on course in filmmaking. Creating an audience-worthy film is not done "by the numbers." It is done by immersion in the process and by knowing the "why's" which teach the "how's". You learn by hands-on experience, trial and error, feedback and correction, and questions and answers. Students in Film 11 will be engaged in four main projects: montage, single location narrative, an action film and a semester end film. All of the basic film concepts will be taught and applied in this class. * **Grade 9** students should take Media Design before taking this course.

FILM AND TV 12 (MDFT-12)

Film 12 students will learn about and explore the numerous visual, dramatic, and technical challenges that directors face. Students write, produce, direct and edit their own films. Unlike Film 11, Film 12 students are expected to have a good working knowledge of the basics of filmmaking. Students often work independently from the instructor through hands-on assignments and projects communicated through an online curriculum. It is strongly recommended that students take Film 11 before proceeding to Film 12.

MEDIA DESIGN 10 (MMEDD10)

Do you have an interest in photography, film, animation and game design? If so, Media Design 10 is the course for you. Using various media authoring tools and technologies, students will create graphics, images, animations, films and a video game for computer and handheld devices. This course is designed for students interested in Digital Arts, Media and the Entertainment industry sector. Students will explore various applications to create visual, aural, and digital projects as a means of creative expression.

PHOTOGRAPHY 11 (MVAPH11)

There are no pre-requisites — this course is open to all students. You will learn when and how to change aperture and shutter speeds to get different photographic effects. Explore the art of portrait making, both outdoors and in the studio with professional lighting. Learn how to create exciting light paintings in the dark. Delve into the history of photography and make your own digital pinhole camera. Learn new photographic techniques that you can use in everyday life to capture interesting and artistic photographs.

PHOTOGRAPHY 12 (MVAPH12)

Continue your photographic studies by learning about high-key and low-key portraiture, modern photographers, advanced photo editing, high dynamic range (HDR) photography, and the editing of RAW files. Students in this course will be given the opportunity to pursue individual interests in various aspects of photography and photo editing. Assigned projects will be more technically and artistically advanced than in the previous levels, including the application of studio lighting and advanced image composition. Students will exit Photography 12 with a professional-level digital portfolio. Students who have not taken Photo 11 may find this course very challenging.

YEARBOOK PRODUCTION 10 (MVAM-10)

In Yearbook 10 you learn both the creative and technical sides of photo journalism and desktop publishing. Students will learn digital photography, computer graphic layout and design (including PhotoShop), interviewing and journalistic writing skills. Yearbook students also organize and produce the annual "Winter Ball Photo Shoot." If you love people, computers, or photography this is a class for you!

YEARBOOK PRODUCTION 11 (MVAMT11)

You will have an active hand in producing the Riverside yearbook. Both the practical and creative sides of photojournalism and desktop publishing will be covered. Students will be introduced to on-line page layout and design and Photoshop to create digital layouts.

YEARBOOK PRODUCTION 12 (MVAMT12)

In this course students will build on the techniques and creative skills learned in Yearbook 11. This course will allow students to take on a leadership role as they develop the main creative graphic, layout and pictorial ideas of the yearbook. Students will continue to master graphic layout design principles and techniques, photo journalism, caption and headline writing as they build the key thematic direction of the book.

BUSINESS EDUCATION

ACCOUNTING 11 (MAC—11)

Learn the language of money! Accountants understand how to collect, organize, analyze and report on the operations of various businesses. They also know how to evaluate the success of businesses in various industries. This is an incredibly valuable skill. Businesses are willing to pay big money for people who possess it, because it makes for good business decisions. Accounting 11 is the first course in financial literacy. Students learn how to analyze business transactions, interpret revenues and expenses, monitor changes in financial position, and prepare basic financial records (General Journals, General Ledgers, Trial Balances, Income Statements, and Balance Sheets). This course mirrors post-secondary courses in introductory financial accounting and is very valuable for students wishing to pursue Business studies at the college or university level. This course is a pre-requisite for Financial Accounting 12.

FINANCIAL ACCOUNTING 12 (MFA—12)

Continuing with the basic Accounting Cycle learned in Accounting 11 (transactions and source documents through adjusted trial balances), Accounting 12 explores the special procedures for cash (including preparation of cash flow statements), merchandising businesses, subsidiary ledgers, and alternative business structures. Accounting 12 provides a huge advantage for students pursuing post-secondary business studies as the equivalent of Accounting 11 and Accounting 12 are mandatory in all post-secondary business programs. **Pre-requisite Course: Accounting 11**

BUSINESS COMMUNICATIONS 11 (YBMO-1B)

AFK, LOL, JSYK...text slang is great for a 13-year old on social media. The problem is, if you are a professional trying to make the big money you don't want to look like a 13-year-old. Learn how to make KILLER presentations, master spreadsheets for collecting data, manipulate graphics, and create databases. In Business Communications you will also ditch the old two-finger style of typing and learn to touch type. Many students master speeds greater than 100 words per minute, without mistakes! This fun project-based course provides students with professional communication tools that will pay huge dividends in their other courses, and in life beyond high school. (Available to all students grade 9 and above.)

ENTREPRENEURSHIP & MARKETING 10 (MADEM10)

If you have ever watched Dragon's Den or Shark Tank, you know how critical basic financial literacy is to successful Entrepreneurs. This course introduces students to the five fundamental pillars of business expertise: Finance, Accounting, Economics, Marketing & Promotion, and Organizational Management. Intended for students wishing to explore the basics of business management, this course is also valuable for students wishing to take additional courses in those areas of business study that they find most interesting. (Available to all students grade 9 and above.)

MARKETING & PROMOTION 11 (MMAP-11)

Funny commercials and slick ads...these things are a big part of the Marketing world, but marketing executives need to know much more to sell their products successfully. Focusing on the world of retail marketing in Canada, this course explores all the ingredients that must combine for businesses to succeed: Corporate goals & objectives, Consumer psychology, Environmental forces impacting purchase decisions and company operations, and that magic blend of Product, Price, Promotion and Distribution strategies that bring buyers and sellers together in successful transactions. This course is an appetizer for post-secondary studies in Marketing and Commerce.

ENTREPRENEURSHIP 12 (MENT-12)

Maybe you have been told that you should go to university, so you can get a professional job. Maybe you want to go to trade school, and dream of working for a great company. What if you chose to OWN the company instead? Have you considered having people work and make money for you, rather than you working for someone else? Entrepreneurship 12 introduces students to the "third career stream", where innovation and determination are richly rewarded. Most people know of at least one self-made business icon. In this course students examine the mindset of successful business owners, and the resources they bring together to successfully take control of their own life making the big money.

ECONOMICS 12 (MEC—12)

This course introduces students to the basic principles of economics. Students study the economic factors affecting domestic markets and analyze the market behavior of individual consumers and firms in an attempt to understand the decision-making process. This course introduces students to Microeconomics curriculum as presented in first-year post-secondary courses (scarcity, incentives, supply/demand, trade, government policies, etc.) It is concerned with the interaction between individual buyers and sellers and the factors that influence the choices made by buyers and sellers. The course is designed to teach students to apply economic models, concepts and theories to analyze human behavior and to understand how individuals make decisions. It is recommended for students considering post-secondary study in Economics, Commerce, Business Administration, Business Management or Political Science. (Open to grades 11 & 12)

CAREER EXPLORATIONS AND PLANNING

HEALTH & CAREER EDUCATION 9

This is not a course but rather a series of topics integrated into English 9, Math 9, Socials 9, Science 9 and PE 9. The final mark is assigned through Advisory. In addition, Grade 9 students are required to participate in 30 minutes of daily moderate to vigorous physical activity in PE 9 and through a variety of options both in and out of school.

CAREER LIFE EDUCATION 10

This required course is designed to help students develop the skills they need to establish goals and make thoughtful decisions in these areas: education planning, career development, work-life balance, personal networking, and basic financial planning. In addition, students will be introduced to Capstone, which is a grad requirement.

ÉDUCATION À LA CARRIÈRE 10

This required course is designed to help students develop the skills they need to establish goals and make thoughtful decisions in these areas: education planning, career development, healthy decision-making and financial literacy. In addition, students will begin to work on the required components of the Career Life Connections and Capstone 12 program. *French Immersion Students only.

CAREER LIFE CONNECTIONS 12 & CAPSTONE

This is a course that encompasses CLC 12 assignments and the Capstone Project. Students will begin the work in second half of grade 11 and present their completed Capstone Project in grade 12. Students are introduced to the Capstone during Career Life Education 10. The Capstone is a rigorous learning opportunity for students to reflect, investigate, and share in personally meaningful ways, and is a requirement for Career-Life Connections and for graduation. The purpose of the Capstone is for students to demonstrate the knowledge, competencies, and passion(s) that they can offer the world, as they integrate personal interests and strengths with preferred future possibilities.

WORK EXPERIENCE 12A (MWEX-2A)

This course involves career exploration and the review of post-secondary options relevant to the individual student's interest. Job search skills are also covered. As a requirement of this course, all students must complete 30 hours of instruction and 90 hours of work experience. It is important to note that students enrolled in this course must be prepared to stay current in all course studies to enable them to participate in the work experience. Students must also be aware that work experience may extend beyond regular school hours and/or days. In some cases, students may be required to find their own work placement with assistance from the teacher. *Students may select this course in Grade 12 after completing a minimum of two courses in a specific focus area.*

CULINARY ARTS

CULINARY TRAINING 11 (MCUL-11)

This Foods Service course is planned to provide students with a learning situation comparable to a professional, quantity food service kitchen. In this active participation class, students will learn basic restaurant skills in safety and sanitation, food preparation (baking, sandwich and salad making, meat, fish and poultry cookery, short-order cooking, soups and sauce preparation, vegetable, pasta and rice cookery), operation and maintenance of large industrial equipment, and in customer service (Open to grades 10, 11 and 12)

CULINARY TRAINING 12 (MCUL-12)

This program gives students training in quantity (commercial) food production and catering and builds on the skills learned in Culinary Training 11. Units of study include kitchen organization, use of industrial equipment, menu planning, safety and sanitation, as well as food preparation skills in baking, sandwich and salad making, meat, fish and poultry cooking, short order cooking, soups and sauce preparation, vegetables, pasta and rice cookery with a strong focus on multicultural cuisine. (Open to grades 11 and 12)

RED SEAL CERTIFICATION PROGRAM

The following courses are open only to students intending to be professional chefs. Students taking all 6 courses and Work Experience 12A will have completed the equivalent of the level one Red Seal Certification Program.

DISTRICT APPLICATION REQUIRED

CULINARY ARTS APPRENTICESHIP 11A (MCKT-1A) CULINARY ARTS APPRENTICESHIP 11B (MCKT-1B) CULINARY ARTS APPRENTICESHIP 11C (MCKT-1C)

This Foods Service course is planned to provide students with a learning situation comparable to a professional, quantity food service kitchen. In this active participation class, students will learn basic restaurant skills in safety and sanitation, food preparation (baking, sandwich and salad making, meat, fish and poultry cookery, short-order cooking, soups and sauce preparation, vegetable, pasta and rice cookery), operation and maintenance of large industrial equipment, and in customer service.

CULINARY ARTS APPRENTICESHIP 12A (MCKT-2A) CULINARY ARTS APPRENTICESHIP 12B (MCKT-2B) CULINARY ARTS APPRENTICESHIP 12C (MCKT-2C)

This program gives students training in quantity (commercial) food production and catering and builds on the skills learned in Culinary Arts 11A/B/C. Although the emphasis is on quantity production, the principles and skills learned may also be applied in the home. Students will develop valuable skills that can be used to acquire a job and/or make career choices. Units of study include kitchen organization, use of industrial equipment, menu planning, safety and sanitation, as well as food preparation skills in baking, sandwich and salad making, meat, fish and poultry cooking, short order cooking, soups and sauce preparation, vegetables, pasta and rice cookery with a strong focus on multicultural cuisine.

DRAMA

DRAMA 9 (MDR—09)

All welcome. In this course, students will develop a sense of belonging and explore diverse perspectives through play. Students can expect to learn foundational acting skills in areas like mime, voice, movement, stage combat, improvisation and script in a positive, creative atmosphere aimed at improving student confidence and cooperative abilities.

DRAMA 10 (MDRM-10)

All welcome. Student actors will further their skills and understanding in this cooperative space of safe, creative risk. Student actors will improve their self awareness, communication skills, physical confidence and vocal power through scene creation, script analysis, character development, improvisation, movement and more.

DANCE FOUNDATIONS 11 (MDCF-11)

Open to Grade 10, 11 and 12 students. No experience necessary. All welcome. Dance is an expressive way to challenge yourself physically, and it is informed by the history, culture, and community in which it exists. Dance Foundations students will explore a wide variety of dance styles, sweating it out and building skills in a creative environment of safe risk. Students can expect to gain flexibility, strength, coordination and confidence. Assessment tools will include collaborative group choreographies, dance research and skills testing.

DANCE FOUNDATIONS 12 (MDCF-12)

Open to Grade 10, 11 and 12 students. No experience necessary. All welcome. Dance is an expressive way to challenge yourself physically, and it is informed by the history, culture, and community in which it exists. Dance Foundations students will explore a wide variety of dance styles, sweating it out and building skills in a creative environment of safe risk. Students can expect to gain flexibility, strength, coordination and confidence. Assessment tools will include collaborative group choreographies, dance research and skills testing.

DIRECTING AND SCRIPTWRITING 11 (MDRDS11)

This class is open to Grade 11 and 12 students. Student playwrights/directors will explore a variety of voices, styles and perspective in their research, analyses, writing and presentations, digging into the history and significance of Theatre as a resonant, relevant form. Students need to be ready to get curious, work collaboratively, communicate effectively and show some initiative since they will be expected to mentor and peer-coach, building original work in this new program. **Pre-requisite: at least one previous high school Drama class.**

DIRECTING AND SCRIPTWRITING 12 (MDRDS12)

This class is open to Grade 12 students. Student playwrights/directors will explore a variety of voices, styles and perspective in their research, analyses, writing and presentations, digging into the history and significance of Theatre as a resonant, relevant form. Students need to be ready to get curious, work collaboratively, communicate effectively and show some initiative since they will be expected to mentor and peer-coach, building original work in this new program. **Pre-requisite: at least one previous high school Drama class.**

DRAMA 11: INTERNATIONAL (MDRM-11)

No prerequisite. Open to any Grade 11 or 12 student interested in improving their communication skills in English, while exploring Drama and Theatre in a creative, dynamic environment of safe risk. In this course, diverse student actors can build a shared sense of belonging.

DRAMA 12: INTERNATIONAL (MDRM-12)

No prerequisite. Open to any Grade 11 or 12 student interested in improving their communication skills in English, while exploring Drama and Theatre in a creative, dynamic environment of safe risk. In this course, diverse student actors can build a shared sense of belonging.

THEATRE COMPANY 11 (MDRTC11)

This course is open to student actors who have already trained in Drama 9/10 or Musical Theatre 11/12. Any questions about these prerequisites can be directed to the teacher, Ms. Roberge. The Theatre Company will rehearse at least one theatre production for METFest (our district theatre festival). Student success in Theatre Company requires active engagement, commitment, perseverance, reflection, and collaboration. Students will be expected to take creative risks and to support a safe environment for all.

THEATRE COMPANY 12 (MDRTC12)

This course is open to students who have already trained in at least one other high school Drama/Theatre course. Any questions about student eligibility can be directed to the teacher, Ms. Roberge. The Theatre Company will rehearse and prepare at least one full production for METFest, our annual district theatre festival. Student success in Theatre Company requires active engagement, commitment, perseverance, reflection, and collaboration. Student actors are expected to take creative risks and to support a safe environment for all.

MUSICAL THEATRE 11 (MMUTH11)

In this busy course, student performers will rehearse, and perform in a large scale, Broadway-style musical at Riverside's River's Edge Theatre. Students will learn and practice singing, dancing and acting skills; their success depends on commitment to and enthusiasm for all three areas, regardless of experience. Students will also collaborate on some technical or production tasks to support the show. Students are expected to support a safe environment of creative risk. Please note: Some after-school rehearsals are required, and an intense schedule leading up to Opening Night can be expected.

MUSICAL THEATRE 12 (MMUTH12)

In this busy course, student performers will rehearse, and perform in a large scale, Broadway-style musical at Riverside's River's Edge Theatre. Students will learn and practice singing, dancing and acting skills; their success depends on commitment to and enthusiasm for all three areas, regardless of experience. Students will also collaborate on some technical or production tasks to support the show. Students are expected to support a safe environment of creative risk. Please note: Some after-school rehearsals are required, and an intense schedule leading up to Opening Night can be expected.

ENGLISH COURSES

ENGLISH 9

In English 9, Students will work both individually and collaboratively using oral, written and digital texts. English 9 will be approached through story and text; analyzing and creating with different strategies, processes, language features, structures and conventions. Students will explore through inquiry and share multiple and diverse perspectives as a means of extending their thinking. Through English 9 students will learn to comprehend and connect literary texts and concepts in order to create, make connections, and communicate for a variety of purposes and audiences.

ENGLISH 9 HONOURS

This course is intended for students who demonstrate exceptional skills in speaking, listening, reading and writing. This class is for the student who shows a keen interest and passion for English and the art of communication. The course emphasizes the development of academic writing, in-depth reading, and critical class discussions through an inquiry process. The discovery of thematic connections across genres is emphasized. As this class will be at an accelerated pace, students should be self-motivated and responsible learners. Opportunities for writing to a wider audience will be offered through blogging and self-publishing. Student selection is based on a questionnaire and a short writing assignment.

GRADE 10 - ENGLISH

Students will choose one 4 credit course from the following four options: English First Peoples 10, or Literary Studies/Composition 10, Literary Studies 10 & Composition 10 Honours or New Media –Journalism Focus/Composition 10. For Literary Studies/Composition 10 as well as New Media –Journalism Focus/Composition 10, the “Composition” portion of credits will build upon core skills from English, 9 such as reading, writing and speaking in a variety of contexts. The other 2 credits will concentrate on a specialty area such as: Literary Studies or New Media – Journalism focus.

LITERARY STUDIES 10 & COMPOSITION 10

Building upon the grade 9 literary studies and composition course, the exploration of text and story in this course will deepen the student’s understanding of diverse, complex ideas about identity and the world that we live in. Text deepens student’s understanding of the world and different perspectives. Through various literary forms and genres, students will examine how language shapes ideas and influences others. Students will gain an understanding through questioning what they hear and read. Engagement in the writing process will allow for creativity and clarity of communication in the student’s compositions. Writing will build upon and further develop purpose through a variety of written forms. Students will be able to make connections between texts and explore a variety of literary genres.

LITERARY STUDIES10 & COMPOSITION 10 HONOURS

Building on the English 10 Literary and Composition course, Honours is intended for students who wish to further their understanding of literature, media, spoken word and composition. Students who prefer an accelerated pace in a challenging and engaging environment will appreciate this class. This course emphasizes the development of students’ skills in academic writing and requires students to read widely and participate actively in class discussions. **For admission, interested students will fill in a short application to be reviewed by the honours teachers.**

NEW MEDIA-JOURNALISM FOCUS AND COMPOSITION 10

We live in a world that is populated by digital media products. In this integrated course, students will learn to develop literacy and address essential questions about those products; students will focus on reading, viewing and critiquing for the message and validity of a variety of media, such as digital news platforms, blogs, podcasts, images, and videos. The composition component supports students in their development of written communication through a critical process of questioning and exploring; for example, how does a narrator of a podcast use literary elements and rhetorical techniques to communicate. Students will also learn real world skills of collaboration, critical thinking, designing and writing to produce a valuable media product that highlights the student community and the world outside the classroom through the digital production of the Eddy, a digital publishing platform that includes news writing, opinion pieces, feature stories, blogging, and podcasting.

ENGLISH FIRST PEOPLES 10

English First Peoples 10 is an exploration of text and story that will deepen student’s understanding of diverse, complex ideas about First Peoples cultural identity. Through various literary forms and genres, students will explore personal and cultural identities, histories, stories and connections to land/ place. Through the exploration of First People’s texts and stories, students will gain an insight into key aspects of Canada’s past, present, and future. Students will leave the course with an understanding that self-representation through authentic First Peoples’ text is a means to foster justice and plays a role within the process of Reconciliation.

GRADE 11- ENGLISH

Students choose one 4 credit course from the four options below. Students taking two additional English courses as electives in grade 11 and/or 12 are eligible for the “English Specialist” designation.

NEW MEDIA-JOURNALISM FOCUS AND COMPOSITION 11

New Media 11 is a program designed to reflect the changing role of technology today and the increasing importance of digital media in communicating and exchanging ideas. The course expands upon the concepts and skills in New Media 10, but with more of an emphasis on publishing. Coursework is aimed at providing students with a set of skills vital for success in a digital world to demonstrate understanding and communicate increasingly sophisticated ideas through digital media with ‘the Eddy,’ the school’s online publishing platform. New Media 11 features tasks and texts of greater complexity and sophistication and extends the depth and breadth of topics and activities.

ENGLISH LITERARY STUDIES AND COMPOSITION 11

Building upon the grade 10 literary studies and composition course, the exploration of text and story in this course will deepen the student's understanding of diverse, complex ideas about identity and the world that we live in. Text deepens student's understanding of the world by viewing different perspectives. Through various literary forms and genres, students will examine how language shapes ideas and influences others. Students will gain an understanding through questioning what they hear and read. Engagement in the writing process will allow for creativity and clarity of communication in the student's compositions. Writing will build upon and further develop purpose through a variety of written forms. Students will be able to make connections between texts and explore a variety of literary genres.

ENGLISH FIRST PEOPLES AND SPOKEN LANGUAGE 11

English First Peoples 11 builds upon concepts covered in English First Peoples 10 and will deepen student's understanding of First Nations Principles of Learning and cultural identity. Through the Aboriginal Lens, students will explore a variety of literary forms and genres. This course will explore personal and cultural identities, histories, oral stories and connections to land and place. Through the exploration of First People's texts and stories, students will gain an insight into key aspects of Canada's past, present, and future. Students will leave the course with an understanding that self-representation through authentic First Peoples' text is a means to foster justice and plays a role within the process of Reconciliation. It is not necessary for a student to have taken English First Peoples 10.

ENGLISH LITERARY STUDIES 11 AND COMPOSITION 11 HONOURS

Building on the English 10 Literary and Composition course, Honours is intended for students who wish to further their understanding of literature, media, spoken word and composition. Students who prefer an accelerated pace in a challenging and engaging environment will appreciate this course. This course will develop balance and broaden their understanding of themselves and the world they live in. Students will also enhance their ability to write for specific audiences and disciplines through narrative, expository, descriptive, persuasive and opinion pieces. Students will also learn how to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source. **For admission, interested students will fill in a short application to be reviewed by the honours teachers.**

GRADE 12 - ENGLISH

CREATIVE WRITING 12 (MCTWR12)

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

ENGLISH STUDIES 12

English 12 is the exploration of text and story that will deepen your understanding of diverse, complex ideas about identity and the world that we live in. Through various literary forms and genres, students will examine how language shapes ideas and influences others from various global, First Peoples or Canadian perspectives. The various literary forms will help student begin to question what they hear, read, view and analyze texts, which will enhance their ability to be educated and engaged citizens. Students will leave this course with the ability to respond to text through oral or written form in a personal, creative, reflective or critical manner.

ENGLISH STUDIES 12 HONOURS

Building on the English 11 Literary and Composition course, Honours is intended for students who wish to further their understanding of literature, media, spoken word and composition. Students who prefer an accelerated pace in a challenging and engaging environment will appreciate this course. This course will develop balance and broaden their understanding of themselves and the world they live in. Students will also enhance their ability to write for specific audiences and disciplines through narrative, expository, descriptive, persuasive, research and opinion pieces. Students will also learn how to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source. **For admission, interested students will fill in a short application to be reviewed by the honours teachers.**

NEW MEDIA - JOURNALISM FOCUS12

This course is designed to reflect the changing role of technology in society and the importance of digital media in communicating and exchanging ideas with a focus on journalism and the gathering, writing, and sharing of information and ideas. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world through opportunities to demonstrate understanding and communicate increasingly sophisticated ideas through personal publishing and publishing for "the Eddy," the school's online publishing platform. Compared with New Media 11, New Media 12 features tasks and texts of greater complexity and sophistication. As well, the Grade 12 course extends the depth and breadth of topics and activities offered in New Media 11.

ENGLISH as an ADDITIONAL LANGUAGE

EAL BEGINNERS (XLDCA10EAL)

This course is designed for students new to Canada who have a first language other than English. Students will develop the foundations of reading, writing, speaking and listening. They will learn basic classroom expressions, conversation skills and communication through a foundational program of grammar, vocabulary and oral practice. Students will develop an understanding of Canadian culture. This course cannot be taken concurrently with Literary Studies/ Composition, Social Studies or Career and Life Education. **This is a non-credit course.**

EAL ENGLISH LANGUAGE DEVELOPMENT 10 (YESFLOA)

This course is designed for students who have successfully completed EAL Beginner and have a first language other than English. This course is designed to familiarize students in the curricular competencies of expressive (speaking/writing) and receptive (reading/listening) language. This course introduces learning strategies and genre with an emphasis on Canadian culture and in particular explores the ideas within the home, school, and community. This course cannot be taken concurrently with Literary Studies/Composition, Social Studies or Career and Life Education.

EAL INTRODUCTION TO ACADEMIC LANGUAGE 10 (YESFLOB)

This course is designed for English Language Learners at Level 2/3. The course extends the English language skills and builds upon these sections so that students are successful in the content areas of English and Social Studies. The course builds student's speaking, listening, reading, and writing competencies by introducing them to a variety of texts, genres, forms, and styles. Students will explore Canadian culture (identity and First People's culture). This course cannot be taken concurrently with Literary Studies/Composition and/or Social Studies.

EAL ACADEMIC STRATEGIES FOR LANGUAGE LEARNERS 10 (YESFLOC)

This course is designed for students who have successfully completed English Language Development 10 and have a first language other than English. This course is designed to familiarize students in the curricular competencies of expressive (speaking/writing) and receptive (reading/listening) language. There is an emphasis on extending genre studies and learning strategies, while exploring Canadian and intercultural contexts. This course cannot be taken concurrently with Literary Studies/Composition and/or Social Studies.

EAL ENGLISH LANGUAGE DEVELOPMENT 11 (YESFL1B)

This course is for students who have successfully completed the English Skills level course. Students will prepare for regular English 10 by studying a variety of topics reflecting the English 10 curriculum and prescribed learning outcomes. Students will continue to master their writing and composition skills through reading and analyzing a variety of genres of multicultural literature. Students will be introduced to aspects of Canadian literature and history through a series of poetry, essays, short stories, articles and excerpts from novels written by Canadian authors. Students will be expected to demonstrate proficiency, understanding and fluency in public speaking, Shakespeare studies, and summative assessments.

EAL TUTORIAL (XLDCH10)

This course is to provide EAL students with an opportunity to receive additional support for their EAL and regular classes. Students may receive supplementary material relevant to their course units, as well as clarification and guidance in deciphering assignments and criteria. Review, preparation and clarification in topics such as public speaking, grammar, essay writing, resume writing etc. will give students guidance in their courses and help them to be successful. Students are required to attend EAL tutorials along with their EAL courses, regular Social Studies 10, Career and Life Education 10, and English 10 courses. This is a non-credit course.

FRENCH IMMERSION

CONVERSATION 10

This course is required for Grade 9 Immersion students. Students will have the opportunity to practice their speaking and listening skills in a variety of creative ways in order to feel more comfortable and be more accurate with the language. This first semester course will be followed with Français Langue 9 in second semester.

FRANÇAIS LANGUE 9

The French language arts curriculum focuses on Communication, Culture and Society. Students will develop their skills in reading, writing, listening, speaking, and critical thinking while developing increasingly sophisticated grammar and vocabulary.

SCIENCES HUMAINES 9

Students will study the development of Canada from pre-contact First Nations peoples, to the history of early contact between Europeans and natives. They will also study some European history, especially the concept of revolution as illustrated through the English Civil War and the French and Industrial Revolutions. Other topics include the geography of North America and some mapping.

FRANÇAIS LANGUE 10

The French language arts curriculum focuses on Communication, Culture and Society. Students will develop their skills in reading, writing, listening, speaking, and critical thinking while developing increasingly sophisticated grammar and vocabulary.

SCIENCES HUMAINES 10

This course's focus is three-folded: first, it outlines and analyzes the first steps towards the building of our nation including social and political unrest; second, it explores the dynamics of the relationship between French-Canadians and English-Canadians during the 19th century and the years preceding World War I; and third, this course offers a view on the beginnings of the development of the West during the 19th century through to 1914 and Canada's economic activities and accomplishments. This includes the relationships between Canada and the Pacific region.

ÉDUCATION À LA CARRIÈRE 10

This required course is designed to help students develop the skills they need to establish goals and make thoughtful decisions in these areas: education planning, career development, work-life balance, personal networking, and basic financial planning. In addition, students will be introduced to Capstone, which is a grad requirement.

FRANÇAIS LANGUE 11- Three Possible Options

FRANÇAIS 11 - Medias et communication numérique

This course is designed for the student to explore, discover, interpret and analyse the changing role and increasing influence of digital and print media in today's society. This course recognizes that digital literacy is essential to the development of the digital citizen. This course will bring the students to think critically. Students will have many opportunities to demonstrate their understanding and communicate their ideas through a variety of digital media and communications.

FRANÇAIS 11- Langue et culture de la francophonie

The course is designed for students to think about how language and culture affect their personal perceptions and values. The class will allow the students to discover and explore the linguistic diversity and customs of the British-Columbian, Canadian and World Francophonie. The student will develop awareness of the diversity of the different Francophone communities. Through different themes, the student will practice their language skills and will investigate different areas of the Francophonie to deepen their understanding.

FRANÇAIS 11 - Étude du cinéma et de la littérature francophone

The course is designated to encourage students to discover, explore, analyze and interpret film and literacy works from the Francophonie. By studying a variety of texts, the students will acquire a certain knowledge of the Francophone culture that will contribute to the development of their identity. The film component will enable the student to discover a variety of cinematographic works from different times, cultures styles and genres. Several film genres will allow students to explore their imagination and develop their creativity, writing style and speaking skills. The literacy component will enable the student to discover a variety of texts and literary works from different times, cultures, styles and genres.

FRANÇAIS LANGUE 12

The French language arts curriculum focuses on Communication, Culture and Society. Students will develop their skills in reading, writing, listening, speaking, and critical thinking while developing increasingly sophisticated grammar and vocabulary. Students are encouraged to take the International DELF exam (Diplôme d'étude de la langue française) and are required to sit the BC Provincial Exam in Français Langue Seconde - Immersion 12.

COMMUNICATION ORALE 11 (FSPLG11)

This course has been developed to give students an opportunity to improve their French oral and writing skills and gain confidence in using the French language through their participation in a variety of communicative activities. Students will take part in discussions about various literary works where they learn to express their ideas and opinions. The approach supports student skill development and encourages meaningful methods of demonstrating communication in French.

ETUDES DES ALIMENTS 10 (FFOOD10)

It's time you learned your way around the kitchen! Surprise your family and friends with lots of delicious treats. We have yummy breakfasts, terrific lunches, sensational snacks and delicious dinners on the menu. Principles of food preparation are introduced and applied with an emphasis on healthy food choices. We start simple and work up to all your favourites. Grab an apron and join us in Food Studies 10. **Only one of Foods Studies 10 or Études des Aliments 10 may be taken for credit.**

ETUDES DES ALIMENTS 11 (FFOOD11)

This course is taught in French. With a quick review of the basics, it's time for some real taste treats. Sticky cinnamon buns and fresh pies and pastry will test your will power. Meal planning and nutrition will provide the background to creating full course meals to tempt your palate. Bon appétit! **Only one of Foods Studies 11 or Études des Aliments 11 may be taken for credit.**

PEER TUTORING 11 (Immersion) (YED—1A-FR)

This course is available to French Immersion students who have an aptitude for working with others, and top achievement in Français Langue, or Sciences Humaines. Students enrolled in this program must be responsible, possess good communication skills, patience, and appreciate diversity. A sense of humour would be an asset! Peer tutors may have opportunities for one to one tutoring and/or in-class tutoring. This program requires a time commitment outside of regularly scheduled classes and is strongly recommended for those students interested in a teaching career. *A signature from a French Immersion teacher in an academic area is required.*

COMMUNICATION ORALE 12 (FSPLG12)

This course has been developed to give students an opportunity to extend the language concepts and skills they have developed so far and prepare them for post-secondary language study. The course will also encourage senior students to synthesize the French language skills they have mastered to date and apply these skills in an intense oral milieu. Students will: gain a better understanding of the art of elocution; master the format and practice of formal debate; grasp the nuances of radio and TV programs; develop the ability to assume the role of toast master/mistress; conduct interviews; perceive the impact of body language and performance skills on oral communications; participate effectively in panel discussions; and, demonstrate facility in participating in sophisticated conversation which is the oral exchange of sentiments, observations, opinions, or ideas

CULTURES COMPARÉES 12 (FCMCL12)

This is the course where everything you have learned in History and Socials comes together! *BUILD A CULTURAL PROTOTYPE FOR THE YEAR 3,000*, based on the cultures presented in this course. *Comparative Cultures 12* presents, compares and discusses various cultures: France, Rome-Italy, Germany, Russia, India, China and Japan. We will investigate these cultures' origins and historical evolution, religions, customs and arts, their music and cinema and their current influences on the world. The presentations of each culture will use ample video and audio examples, as well as a representative film for each. All along this course, students will be involved in research, discussions, and debates in order to CREATE A NEW FUTURE CIVILIZATION, resulted from a symbiosis of the previous ones. . * **FRIM students must take Histoire 12 or Cultures Comparées 12 either in grade 11 or 12.**

(HISTOIRE 12) L'HISTOIRE DU MONDE AU 20EME SIECLE (FWH—12)

The course will explore the 20th Century World History from the immediate effects of World War I on the new geopolitical realities to the post-World War II global realignments of the economic, political, and social landscapes. Furthermore, History 12 will look upon the more recent events that shaped the world after the end of the Cold War and Canada's role as a strong international voice of peace and progress. History 12 is designed to develop the students' ability to use historical inquiry, recognize implicit and explicit ethical judgements, understand events and facts inside and outside their historical context, make reasoned ethical judgments, and assess the value of various historical accounts. Correspondingly, students are expected to achieve a high level of competency in elaborating minute analyses and construct solid syntheses. The course is based on both collaborative and inter-active activities including: discussions, critical debates, projects, jigsaw activities, roundtables, brainstorming, blogs, etc. * **FRIM students must take this either in grade 11 or Cultures Comparées 12.**

HOME ECONOMICS

FOOD STUDIES 10 (MFOOD10)

It's time you learned your way around the kitchen! Surprise your family and friends with lots of delicious treats. We have yummy breakfasts, terrific lunches, sensational snacks and delicious dinners on the menu. Principles of food preparation are introduced and applied with an emphasis on healthy food choices. We start simple and work up to all your favourites. Grab an apron and join us in Food Studies 10.

FOOD STUDIES 11 (MFOOD11)

This course is for everyone! From those who have never set foot in the kitchen to the accomplished chefs out there. With a quick review of the basics, it's time for some real tasty treats. Whether breakfast, lunch or dinner, there is always something delicious happening in Food Studies 11. Looking for a part time job in the food industry? Not only will you gain valuable food handling experience but you will also have the opportunity to be certified for the industry recognized FoodSafe program.

FOOD STUDIES 12 (MFOOD12)

Do you enjoy cooking? Are you willing to try new food? This advanced foods course will tingle your taste buds with new flavours. Whether it's food with a foreign flair or gourmet treats, you will experience advanced techniques designed to impress and create tasty treats. You will also explore social, economic, environmental and cultural issues related to food you have created and enjoyed. Bon appetit!

CHILD DEVELOPMENT & CAREGIVING 12 (MCDAC12)

(Formerly Child Development 11)

BABIES, BOTTLES, DIAPERS, PINS, THIS IS WHERE THE FUN BEGINS! Everything you wanted to know about young children and more. Child Development 11 is an in-depth look at parenthood, infants, toddlers, preschoolers, and the early school years. It examines the physical, emotional, social and intellectual development of each stage. Along with theory, this course provides opportunity for hands-on projects and interactions with young children. Students also have the option of participating in the RealCare Baby program (parenting simulation with computerized baby) in which they experience parenthood first hand. This is a great course for anyone who hopes children will be part of their future, whether at home or as a career.

FAMILY AND SOCIETY 10 (MFAMS10)

(Formerly Family Studies 11)

WHERE DO I FIT? Family and Society 10 offers an opportunity for you to understand yourself and your relationships better. This course explores family, community, values, beliefs, culture, self-concept, healthy relationships, stress management, and conflict resolution through a variety of avenues. Participate in discussions, listen to lectures, watch videos, write journals, and create keepsake projects that you will keep for years to come such as your own Personal Scrapbook. Students will also have opportunities to put their new self-awareness into play by interacting within the community. (Open to grade 9 to 12)

INTERPERSONAL & FAMILY RELATIONSHIPS 11 (MIAFR11)

(Formerly Human Behaviour 12)

BE A PEOPLE PERSON! This course offers an opportunity to learn about relationships and build skills to maintain positive connections with others. You will explore communication, committed relationships, love, and marriage through a variety of activities including discussions, lectures, videos, projects (such as the Wedding Planning Project) and hands on activities. Students will also learn about careers in the field of Family Studies and will have opportunities to gain experience towards those potential careers through interaction within the community.

FASHION DESIGN /TEXTILES 11 (MTXT-11)

Learn about design basics, sewing methods and fashion marketing. Projects involve drawing designs in a sketchbook, creating thematic marketing for projects, and learning sewing techniques while making their own garment designs. Gain knowledge and experience with different fibres, textiles, and textile printing methods. Check out how the principles of design, color theory, silhouettes shapes, marketing trends, and upcycling are all important in fashion. (Open to grade 9 to 12)

FASHION DESIGN/TEXTILES 12 (MTXT-12)

Elaborate the principles of design, inquire into careers of fashion designers, fashion history, and fashion marketing. Develop more complex sewing techniques. Learn embroidery to embellish your designs. Sew from commercial patterns and make your own. This is a great course for those considering continuing their studies in Fashion in post-secondary or for those who enjoy working with their hands to create wearable art. **Completion of Fashion Design /Textiles 11 is required.**

INFORMATION COMMUNICATION AND TECHNOLOGY (COMPUTER STUDIES)

COMPUTER INFO SYSTEMS 11 (MCINF11)

(Formerly Computer Networking 11) Cisco CCNA "Introduction to Networks" This is the first of 2 classes to qualify for CCent certification, the student will learn the procedures and programming required to operate a small network. The focus is on managing and configuring the system. This is a hands-on course that has students building, managing networks and network devices

COMPUTER INFO SYSTEMS 12 (MCINF12)

(Formerly Computer Networking 12) Cisco CCNA "Routing and Switching" curriculum is the continuation of computer networking 11 the aim of this course is to further develop the students' knowledge of network building, network repairing, and communication skills through extensive labs and theory dealing with Network hardware and software. The students will qualify to write the CCENT 100-101 ICND1 exam provided they pass the final exam and final practical exams.

INFORMATION SYSTEMS MANAGEMENT 11 (MIDS-1C)

(Formerly Computer ITM 11)

This course uses Cisco's "IT Essentials: PC Hardware and Software" to teach the fundamentals of computer hardware and software management, as well as advanced concepts developed by Cisco Systems. This is a hands-on course that has students building, managing computers and devices. You will also learn the basics of Linux, managing phones and tablets. the students will qualify to write the Comp TIA A+ exams. If you plan on working in the computer industry this is a must have.

INFORMATION SYSTEMS MANAGEMENT12 (MIDS-2C)

(Formerly Computer ITM 12)

"Linux Essentials". This course is designed to teach the students the fundamentals of the Linux command line. The student will be acting as a technologist of an IT company, and they will be required to maintain, load and modify the OS to suit the needs of various companies. Students with prior knowledge will learn the LPIC curriculum to become junior network administrators.

WEB DEVELOPMENT 10(MWBDEV10)

Web Development 10 introduces students to Responsive Web Development and Programming. Students will design and develop responsive web sites, applications, and 2D games using HTML, CSS and JavaScript. It is the aim of the course to develop the skills necessary to be successful in programming and Computer Sciences. Students do not require any prior knowledge of Web Development; however, they should be comfortable with computers and digital media.

COMPUTER STUDIES 10 ICT (MCSTU10)

This course is to introduce students to the exciting world of information and communication technology. Students will develop skills in Media Development, Productivity and Computer Science. Students will learn the skills in the following modules:

Media Development - Introduction to Adobe Creative Cloud Apps (Adobe Photoshop, Adobe Illustrator, Adobe Illustrator, Adobe In Design, Adobe Animate, Blender and more)

Computer Science - Introduction to Coding Skills for Makerspace, Robotics and Web Development (HTML, CSS, Js and Block Coding)

Computer Productivity - Students will complete Microsoft Office Specialist courses. (Possible certifications: Word, Excel, PowerPoint, Access, Outlook)

PALO ALTO CYBERSECURITY FOUNDATIONS PROGRAM 10, 11 and 12 (TBA)

Riverside Secondary is pleased to offer students the to learn from one of the world's leading cybersecurity companies. The Palo Alto Academy program will provide focussed study on network security skills including firewall installation, antivirus/antispymware software and zero-day vulnerabilities. The Academy will also be integrated with computer programming and computer information systems courses.

Students completing the course work in this program will receive globally recognized cyber security technician certification. With business cyber-attacks occurring every 40 seconds and 1.5 million jobs forecast worldwide, students will be well equipped to gain immediate employment in an industry where entry level salaries are higher than average.

A signature from a teacher in the technology area is required.

COMPUTER PROGRAMMING 11 (MCMPR11)

Do you have an interest in video game development? Apply your academics with Computer Programming 11. Students to learn a programming language such as JAVA, C++, BASIC, or Python while developing basic video games. Students will also learn effective problem solving skills and the ability to think logically. This course will prepare students for Computer Programming 12 and/or provide a base for post-secondary vocational computer programming courses. Most programming work will happen during class time.

COMPUTER PROGRAMMING 12 (MCMPR12)

This course is for students who plan to pursue an interest in computer programming at university or technical college. Students will focus on advanced video game development by programming in languages such as JAVA, C++, BASIC, or Python. By the end of this two-year program (CP 11 & CP 12) students will know how to program data structures, classes, files, arrays, structures, functions and graphics. This course will build on work completed in Computer Programming 11. Most programming work will happen in class time.

LANGUAGES

FRENCH 9 (MFR—09)

Students will start "from the beginning" in French 9 as it is considered an entry level course. All course materials are available free of charge on-line. Students will be exposed to comprehensible stories, films, and music in French. By the end of French 9, you can expect to speak and write comfortably about yourself, your interests, and your family. As well, you will know the vocabulary for food, days, months, seasons, and the weather -- and be able to count and spell *en français*.

FRENCH 10 (MFR—10)

In French 10, students continue to develop their language skills by reading and listening to easily comprehensible stories and then creating their own. All course materials are available free of charge on-line. Students will be exposed to stories, films, and music in French. By the end of French 10, students can expect to speak and write comfortably about celebrations, the community, the home, health, travel, and shopping.

FRENCH 11 (MFR—11)

By Grade 11, students are now able to carry on brief conversations in French. We will continue to develop skills in reading, writing, listening and speaking. The teacher will start using French for basic instruction and French will gradually become the language of communication for students as well. Students will continue to be exposed to music, film, on-line materials and a variety of authentic documents. All course materials are available free of charge on-line. While the themes may be similar to the previous years, in French 11 there is greater attention to precision and sophistication in sentence structure and vocabulary.

FRENCH 12 (MFR—12)

By the end of French 12, students begin to express themselves with greater fluency including slang, idioms and expressions from the Francophonie. Most instruction will be in French, and students are expected to use French as the language of communication in the classroom. We will use music, film, literature and the internet to explore the richness of French culture from around the world and to prepare students to interact in realistic situations. The course workbook is available in PDF on-line or a hard copy may be purchased. Students are encouraged to take the International DELF exam (*Diplôme d'étude de la langue française*).

INTRODUCTORY ITALIAN 11 (MBIT-11)

This course is an introduction to the Italian language at an accelerated pace. Students from grades 9-12 are welcome to take this course. It covers the curricular competencies of Italian 9 and 10 using the T.P.R.S. (Teaching Proficiency Through Reading and Storytelling) strategy. The philosophy of TPRS is based on research that shows that language is acquired and mapped onto the brain through high exposure to comprehensible language input and that acquiring a language needs to take place in a low stress environment where students can feel safe to freely take risks and be creative. The course covers the fundamentals of speaking, listening, reading and writing in Italian through this highly interactive manner. Students will also learn about the Italian Culture through music, film, and culinary experiences where they get to make and try traditional Italian food. ***Grades 9-12 welcome**

ITALIAN 11 (MIT—11)

This advanced course continues with the study of the Italian language using the T.P.R.S. (Teaching Proficiency Through Reading and Storytelling) strategy. Introductory Italian 11 is a pre-requisite for this course as these experienced Italian students will continue to grow their fundamentals of speaking, listening, reading and writing in Italian in order to be self sufficient when travelling to the Italian speaking world. We will continue to explore more of the Italian Culture through music, film, and culinary experiences where they will make and try traditional Italian food. **Prerequisite: Introductory Italian 11**

SPANISH 9 (MSP—09)

Spanish 9 will set you on the path to acquiring the knowledge and skills needed to understand and converse in Spanish - no experience necessary! We'll explore themes like sports, high school and making friends to develop listening, speaking, reading and writing skills. We'll use a variety of resources to prepare to travel through Mexico, Central and South America.

SPANISH 10 (MSP—10)

Spanish 10 will help you build on the skills and knowledge acquired in Spanish 9 while experiencing more of the Spanish-speaking world in Mexico, Spain and Ecuador. This course explores themes such as getting around as a tourist, eating in restaurants and cafes and shopping in markets to develop a greater independence and proficiency in communicating in Spanish for travel.

INTRODUCTORY SPANISH 11 (MBSP-11)

This course is an introduction to the study of Spanish at an accelerated pace. Covering all of the prescribed learning outcomes of Spanish 9 and 10, this fast-paced course covers the fundamentals of speaking, listening, reading and writing in Spanish in order to travel in the Spanish-speaking world. *Introductory Spanish 11 is also an ideal route for motivated **senior** students who need to acquire grade 11 language credits for university.*

SPANISH 11 (MSP—11)

The objective of this advanced level course is to provide the experienced Spanish student with the language skills necessary to travel by plane, to stay in hotels, to shop in tourist locations and to discuss sports. We visit new countries and explore the music, food and cultures of the Caribbean and South America in greater depth. **Prerequisite: Spanish 10 or Intro Spanish 11.**

SPANISH 12 (MSP—12)

The themes of Spanish 12 are films, food and the future. In this course, the experienced Spanish student will learn to communicate using more complex language. In discussion we learn to converse more proficiently and to adapt language to different situations.

LEADERSHIP

LEADERSHIP 10 (YCPA-0A)

This course is designed to provide students with the opportunity to explore and develop their leadership skills. Students will learn leadership traits and be expected to demonstrate their capacity by organizing and leading various classroom, school, and community events. A strong focus is placed on personal growth and self-reflection. Other skills that will be a focus are ethical decision-making, teamwork, inclusion, communication, public speaking, time management, and organizational skills. Emphasis is also placed on service within the school and in the community. **Admission to this course is by application.**

LEADERSHIP 11 (YCPA-1A)

This course is a continuation of the skills practiced in Leadership 10. There is an increased expectation for involvement and taking on responsibility with course activities. **Admission to this course is by re-application with teacher signature.**

LEADERSHIP 12 (YCPA-2A)

This course is a continuation of the skills practiced in Leadership 11. Students are expected to take a high level of involvement and responsibility in course activities, as well as mentor younger students in the class. **Admission to this course is by re-application with teacher signature.**

ATHLETIC LEADERSHIP 11 (YLRA-1B)

Athletic Leadership 11 is an IDS Course (**taken outside the time table**) and a continuation for students who have completed Athletic Leadership 10. The course is a combination of face to face learning within the classroom as well as project-based learning outside the classroom. Students will continue coordinating and running athletic events with the addition of sponsoring a Riverside Team. Students will gain experience with team and equipment management. Each student will need to complete 40 hours of work experience. **Teacher signature required!**

ATHLETIC LEADERSHIP 12 (YLRA-2B)

Athletic Leadership 12 is an IDS Course (**taken outside the timetable**) and a continuation for students who have completed Athletic Leadership 11. The course is a combination of face to face learning within the classroom as well as project-based learning outside the classroom. Students will continue coordinating and running athletic events with the addition of sponsoring a Riverside Team. Students will gain experience with team and equipment management as well as prepare the Athletic Banquet at the end of the school year. Students will also market and promote team events throughout each athletic season. Each student will need to complete 40 hours of work experience. **Teacher signature required!**

IDS LEADERSHIP 10 (MIDS-0A)**IDS LEADERSHIP 11 (MIDS-1A)****IDS LEADERSHIP 12 (MIDS-2A)**

In this independent study course (**taken in addition to a regular course load**) students will earn credit for volunteering 30 hours of service, participating in classroom learning and group projects that benefit the school and/or the community. *Teacher signature required.*

PERFORMING ARTS LEADERSHIP 10 (MIDS-0D)**PERFORMING ARTS LEADERSHIP 11 (MIDS-1D)****PERFORMING ARTS LEADERSHIP 12 (MIDS-2D)**

All welcome. This course is open to students grade 9-12. Meetings for this course will occur outside the regular timetable and all activities will support River's Edge Theatre events and productions. This elective can be taken in addition to a full course load and offers students a practical, innovative opportunity to contribute to the creation, production, management and marketing of Performing Arts programs at Riverside, as ambassadors of our multipurpose performance space.

PEER TUTORING 11 (YED—1A)**PEER TUTORING 12 (YED—2A)**

This course is available to students who have an aptitude for working with others, and top achievement in one or more academic subject areas. Students enrolled in this program must be responsible, possess good communication skills, patience, and appreciate diversity. A sense of humour would be an asset! Peer tutors may have opportunities for one to one tutoring and/or in-class tutoring. This program requires a time commitment outside of regularly scheduled classes and is strongly recommended for those students interested in a teaching career. **A signature from a teacher in an academic area is required.**

IT PEER TUTORING 10 (MIDS-0A)

IT Peer Tutoring 10 and is a personalised learning environment where students will develop technology based skills to help support their peers, teachers and others in the Riverside community. The primary goal of this course is to provide students with a foundational digital skill set to become digitally literate citizens, and have these students provide support and training to staff, students and the community regarding digital literacies, and the importance of leaving a positive digital footprint to enhance and strengthen the digital culture at Riverside. Furthermore, students will be provided opportunities to actively engage, mentor, and educate our students, staff and community on various topics related to becoming a digitally fluent community. This course is taken outside of the timetable and is a combination of face to face learning and inquiry based projects. **Admission to this course is by application with teacher signature.**

IT PEER TUTORING 11 (MIDS-1B)

This course is a continuation of the skills practiced in IT Peer Tutoring 10. There is an increased expectation for involvement and taking on responsibility with course activities, as well as a focus on developing problem solving techniques with students learning multiple strategies including: identification of the problem, analysis of possible solutions, implementation of a solution and test/review. **Admission to this course is by re-application with teacher signature.**

IT PEER TUTORING 12 (MIDS-2AJA)

This course is a continuation of the skills practiced in IT Peer Tutoring 11. There is an increased expectation for involvement and taking on responsibility with course activities, as well as a focus on developing problem solving techniques with students learning multiple strategies including: identification of the problem, analysis of possible solutions, implementation of a solution and test/review. **Admission to this course is by re-application with teacher signature.**

MATHEMATICS

MATHEMATICS 9 ADAPTED

This course should only be chosen on the advice of the Counsellor and Mathematics teacher. Only students who have a history of difficulty in mathematics should select this course. Students whose lack of success is due to poor work habits will not be placed in this course. The content is less demanding than Mathematics 9 and content will be adjusted to meet the abilities and needs of individual students. Calculators will be used to develop concepts and aid in computations. Math 9 Adapted students are currently integrated within the regular Mathematics 9 classroom. Selecting this course has implications for post-secondary options.

MATHEMATICS 9 SUPPORT

Taken concurrently with Math 9 this course is intended for students who have been assigned to grade 9, but were not successful in or only marginally passed Mathematics 8. Students also choose this course to maintain higher grades. The intent of the course is to provide extra support so that students can be successful in the regular Math 9 program. The course will be offered in block X on alternate days with **an 8:10 a.m. start time.** The course will include pre-teaching of concepts, re-teaching of concepts and using alternate strategies to reinforce concepts. Time will also be devoted to improving organizational skills and homework assistance.

MATHEMATICS 9

This Mathematics program of study is designed to develop deep mathematical understanding and fluency, logical reasoning, analytical thought, and creative thinking. Topics include operations with rational numbers, polynomials and algebra, linear relations, scale diagrams, probability, statistics and financial literacy. **The core and curricular competencies will be addressed throughout the course.** At the end of this course, students will be prepared for Foundations of Mathematics and Pre-Calculus 10 or Workplace Mathematics 10.

MATHEMATICS 9 HONOURS

This course will allow students to cover basic curricular content at an accelerated pace so that time can be devoted to enrichment and exploring problem solving at the higher levels of Bloom's taxonomy. This will include preparation and participation in several math contests and Riverside's Math Challenge Club. Students must enjoy challenges and have a passion for solving non-routine problems. Students will also be expected to share their expertise by acting as tutors and providing assistance to those experiencing difficulties in math. **Assessment test and teacher recommendation required.**

WORKPLACE MATHEMATICS 10

This option is designed to provide students with the Mathematical understanding and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include understanding and applying the metric and imperial systems to the measurement of 2-D and 3-D objects, analyzing and creating graphs, trigonometry, measures of central tendency, experimental probability and the fundamentals of income, spending and debt. All topics are taught within a framework of problem-solving. At the end of this course, students are prepared for Workplace 11, or Foundations-Precalculus 10 with teacher recommendation.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10

This option is designed to provide students with the Mathematical understanding and critical-thinking skills identified for post-secondary academic studies at colleges and universities. Topics include prime factorizations and applications, powers involving integral exponents, exponent laws, trigonometric ratios to right triangles, polynomials, and coordinate geometry with linear relations and functions, function notation, systems of linear equations, arithmetic sequences and financial literacy. At the end of this course, students are prepared for either Foundations of Mathematics 11 OR Pre-Calculus 11.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 HONOURS

This course can be entered from Math 9 or Math 9 Honours. The Foundations of Mathematics 10 curricular content will be explored in depth with specific attention given to reasoning and proof. Learning activities will be structured to provide enrichment beyond the grade 10 curriculum with a focus on enhancing problem-solving and fostering higher levels of thinking. Students are expected to have a very strong work ethic and commitment level. In addition to excellent math skills, students must enjoy challenges and have a passion for solving non-routine problems. Students may also be expected to share their expertise by working in groups and acting as tutors. Students are expected to participate in math contests. **Teacher signature is required for placement.**

WORKPLACE MATHEMATICS 11

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. The course will include topics in interpreting surveys and graphs, exploring 3-D objects, analyzing linear relations, rate of change, exploring games of chance and insurance payout likelihood, financial literacy including investments, loans and personal budgeting. The core and curricular competencies will be addressed throughout the course.

FOUNDATIONS OF MATHEMATICS 11

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. This might include the Humanities, Fine Arts, some Trades and Technical programs. The course will include inductive and deductive reasoning, angle relationships, graphical analysis of linear and quadratic functions and systems, trigonometry of right and oblique triangles, optimizations, statistics, financial literacy including investments, loans, credit cards and mortgages. The core and curricular competencies will be addressed throughout the course. Teacher signature is required for placement. **Teacher recommendation is required for placement.**

PRE-CALCULUS 11

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post secondary programs that require the study of theoretical calculus. This might include Mathematics, Sciences, Engineering and Commerce. The course will include roots and powers, radical operations, quadratic functions and equations, rational expressions and equations, trigonometry involving the sine and cosine law, financial literacy involving investments, compound interest, loans, credit cards and mortgages. The core and curricular competencies will be addressed throughout the course. Teacher signature is required for placement. **Teacher signature is required for placement**

PRE-CALCULUS 11 HONOURS

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into postsecondary programs that require the study of theoretical calculus. Students are expected to have a very strong work ethic and level of commitment. Students must enjoy challenges and have a passion for problem solving. Some concepts from Math 11 Foundations will also be explored. In addition, students are expected to share their expertise by acting as peer tutors. Student are encouraged to participate in Math Contests **Teacher signature is required for placement.**

FOUNDATIONS OF MATHEMATICS 12

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. This might include the Humanities, Fine Arts, some Trades and Technical programs. The course will involve analyzing graphical representations of polynomial, exponential, logarithm and sinusoidal functions and regression analysis of the same. Other topics include constructions, conics, fractals combinatorics, probability and financial planning. The core and curricular competencies will be addressed throughout the course.

PRE-CALCULUS 12

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. This might include Mathematics, Sciences, Engineering and Commerce. This course will emphasize that:

Understanding the characteristics of families of functions, allows us to model and understand relationships and to build connections between classes of functions.

Transformations of shapes extended to function and relations in all of their representations. Graphs of polynomial, radical, rational, trigonometric, exponential and logarithm functions as well as conics will be analyzed. Using inverses is the foundation of solving equations and can be extended to relationships between functions. Solving polynomial, rational, radical, trigonometric, exponential, and logarithm equations will be discussed both graphically (with and without technology) and algebraically.

Proving trigonometric identities, evaluating trigonometric functions, exploring geometric sequence & series and using sigma notation will also be included. The core and curricular competencies will be addressed throughout the course.

CALCULUS 12

Pre-requisite: Pre-calculus 12 or Math 12 Honours This course is very useful and highly recommended for students who have strong mathematical ability and who intend to take calculus in their first year at a post-secondary institution. The main topics include: functions, limits, continuity, derivative rules, curve sketching, related rate problems, maximum-minimum problems, integrals and their applications.

MUSIC

BEGINNING BAND 9-12 (Off timetable)

Want to learn an instrument! This class is for you. This course is intended for students who have are interested in trying a new instrument or wanting to try an instrument for the first time. The course will involve instrumental technique, performance, theory, music history and music appreciation as they relate to the repertoire studied. Students will be **required** to attend all scheduled extra-curricular rehearsals and performances as part of the course expectations.

JUNIOR BAND (Off timetable)

This course is intended for students who have taken an introductory Band course in Grade 7 and/or 8. The course will involve instrumental technique, performance, theory, music history and music appreciation as they relate to the repertoire studied. Students will be **required** to attend all scheduled extra-curricular rehearsals and performances as part of the course expectation.

SENIOR BAND 10-12 (Off timetable)

This course is a continuation of Junior Band with appropriate changes in level of repertoire, knowledge and skills. Students will be **required** to attend all scheduled extra-curricular rehearsals and performances as part of the course expectations.

JAZZ BAND 9-10 (Off timetable)

Jazz Band is a course for students wanting to learn a new style of music. Students are strongly recommended to participate in Concert Band as well if they are joining Jazz Band. Students will study a variety of jazz genres and develop jazz soloing/improvisation techniques. As well, there will be performances in and out of school hours.

BEGINNING GUITAR 10-12

No previous experience necessary

This is an introductory course for students with little or no previous experience on the guitar. This course is designed to teach students basic chords, techniques and how to read music. In addition to learning many songs, students will learn strumming, picking and classical techniques. The school will supply guitars and music.

SENIOR GUITAR 11-12

This course is a continuation of Beginning Guitar. Students must of taken Beginning Guitar course or has taking Guitar lessons in the past. Students will be learning more advanced music and Guitar techniques. Students will be expected to work on solo, large and small ensemble pieces.

CHOIR 9-12 (Off timetable)

All students and all levels are welcome. The course will involve vocal technique, performance, theory, music history and music appreciation as they relate to the repertoire studied. Students will be **required** to attend all scheduled extra-curricular rehearsals and performances as part of the course expectations.

VOCAL JAZZ 10-12 (Off timetable)

Vocal Jazz classes are intended to provide an opportunity for students to explore another musical idiom within the choral tradition. This course is for the advanced singer who wants the challenge of a more difficult vocal repertoire. Students will be expected to sing "one on a part" and to perform solo. This course will continue to work on vocal technique and jazz styles. Students in this course must also join choir.

PHYSICAL EDUCATION

PHYSICAL AND HEALTH EDUCATION 9

This course will include an introduction and exposure to a wide variety of team, partner and individual activities with emphasis on basic skill development, fitness and sportsmanship. Activities may include volleyball, football, lacrosse, wrestling, minor games, basketball, dance, ultimate, badminton, track and field and softball. The health component is designed to develop the knowledge, skills and understanding that students need for lifelong physical and mental well-being. It focuses on personal coping skills in the areas of stress, technology, mental health, healthy relationships, and conflict. Students will also gain knowledge and skills surrounding the physical, emotional, and social aspects of psychoactive substance use and potentially addictive behaviours.

PHYSICAL AND HEALTH EDUCATION 10

This course is a continuation of the PHE 9 course, but more advanced skills and game strategies will be taught. In addition to the PHE 10 curriculum there may also be the opportunity for instruction in rugby, field hockey, tennis, golf, archery and First Aid. During the health component, students will learn about potential short- and long-term consequences of health decisions, including those involving nutrition, protection from sexually transmitted infections, eating habits, exercise patterns and sleep routines.

ACTIVE LIVING 11 (MACLV11) (Formerly PE 11)

One of the primary goals of Active Living 11 is to develop student competencies in physical activities, to increase confidence and encourage lifelong participation in sports and recreation. Students will be offered a variety of traditional and non-traditional sports along with recreational opportunities to partake in, ultimately enhancing their athletic skills. Active Living 11 will cover topics related to overall health and well being such as: proper nutrition, personal health decisions, physical/mental well being, injury prevention and management. In addition, students will be expected to participate in 10 hours of extracurricular community service and field trips. Active Living 11 offers students the opportunity to develop and enhance their competencies, thus resulting in better leaders both on and off the school grounds.

ACTIVE LIVING 12 (MACLV12) (Formerly PE 12)

Active Living 12, is an enriched learning opportunity that follows the same goals and basis as Active Living 11, thus being, to extend student competencies in physical activities and encourage lifelong participation in sports and recreation. Students will be offered a variety of traditional and non-traditional sport and recreational opportunities to participate in to enhance their athletic skills. Field trip opportunities for this course may include: curling, golf, rock climbing, canoeing, skiing and windsurfing. The course will also enhance decision making skills and go deeper into topics around overall health and well being. In addition, students will be expected to participate in 10 hours of extracurricular community service and field trips. This course would be an asset to students interested in a career in recreation or physical education. It is a beneficial opportunity for students open to new challenges, that are interested in their personal health and wellness.

FITNESS AND CONDITIONING 11(MFTCD11)

Fitness and Conditioning 11 is a course directed to students interested in maintaining or enhancing personal fitness through participation in a variety of activities at different intensity levels. Considered a survey course, Fitness and Conditioning 11 will introduce students to basic weight training principles including various training configurations. Some of the resistance-based programs include: Endurance Training, Circuit Training, Strength Training, Pyramid Training and Super setting. The Optimum Performance Training Model (OPT) will be used to introduce safety and proper training techniques so that students will have the best chance to reach their health and fitness goals. Students will be exposed to various cardiorespiratory and flexibility activities including: jogging, circuit training, spin classes, boot camp, Tabata training and yoga. Some of the topics covered in this course include basic anatomy and physiology, principles of movement, cardiorespiratory training principles and program design, nutrition, healthy eating and body weight management and exercise safety. Students are based in the Riverside Fitness Centre.

FITNESS AND CONDITIONING 11W (WOMEN) (MFTCD11-BG)

Fitness & Conditioning 11W (women) is for both active and non-active teenage girls who enjoy a wide variety of fun-filled supportive fitness and recreational activities at various intensity levels. Students develop their personal fitness, healthy relationships and positive self esteem. Priority is on how the body moves and functions safely with instruction on proper training guidelines and techniques to help obtain health and fitness goals. Fitness & Conditioning 11W emphasizes stress management techniques and promotion of mental well being. Activities typically include weight training, bootcamps, circuit training, running, dance class, aerobics, kickboxing, spin classes, core workouts, yoga and more! Fitness & Conditioning 11 W (women) is a great place for you!! **Note: Only one of Fitness 11 or Fitness 11W may be taken for credit.**

FITNESS AND CONDITIONING 12 (MFTCD12)

Fitness and Conditioning 12 is an advanced course directed to students interested in maintaining or enhancing personal fitness through participation in a variety of activities at different intensity levels. This course builds on the topics introduced in Fitness and Conditioning 11. Fitness and Conditioning 12 will revisit resistance-based programs introduced in Fitness and Conditioning 11 and in addition introduce split-routines, drop sets, personalized training programs and 5 x 5 programs. The Optimum Performance Training Model (OPT) will be used to introduce safety and proper training guidelines and techniques to help students reach their health and fitness goals. Students will be exposed to various cardiorespiratory and flexibility activities including: jogging, circuit training, spin classes, boot camp, tabata training and yoga.

FITNESS AND CONDITIONING 12W (WOMEN) (MFTCD12-BG)

This course is a continuation of Fitness and Conditioning 11W. The focus will remain on developing personal fitness programs and goals creating lifelong active lifestyles. The students are provided with many opportunities to develop their leadership skills and act as mentors to their peers while participating in the many fitness and conditioning activities provided. Students take part in a structured running program, bootcamps and circuit workouts, weight training, dance classes, kickboxing, aerobics, spin classes, body specific workouts, yoga and many more. This course will have you Fitness ready for life beyond your highschool years!

Note: Only one of Fitness 12 or Fitness 12W may be taken for credit.

WEIGHT TRAINING 10 (YLRA-0A)

Introductory Fitness & Physical Training 10 is a course for students interested in focusing on fitness-based training and enhancing their fitness knowledge. The course will build on the weight training units covered within PHE 9 & 10 and allow students an opportunity to further their overall fitness. Students will train using various strength and cardiovascular training techniques. This is a great opportunity for junior students to improve and maintain their physical fitness outside of their required PHE classes! Open to all grade 9 & 10 students.

HOCKEY 10 (YLRA-0A)

This introductory course provides a training environment for students to develop their hockey skills and overall knowledge of the game. It intends to provide high performance training environment for students to develop hockey skills so they will be prepared to meet challenges of hockey at all levels. It is the goal of the course to specifically target elements of the game that are pivotal at the developmental level that most Grade 10 student are at. Along with basic skills, they will be able to learn how to place themselves in better positions both on and off the ice, and learn valuable life skills that can be used in any career field. While this course is open to all levels of hockey ability. The goals of this course include a focus on player development, sports psychology, athlete nutrition, and on and off-ice skills. A key element of the off-ice skills in a focus on community connection, whereby students demonstrate leadership in the outside hockey organizations around the school. **A \$264 monthly fee applies.**

HOCKEY 11 (YLRA-1A)

Hockey 11 traditionally follows Hockey 10. It is a course that provides a continued training environment for students to develop their hockey skills and overall knowledge of the game. Students will reach a further understanding of the benefits of the game and how to translate that into their daily lives. It intends to provide a high-performance training environment for students

to develop hockey skills, so they will be prepared to meet challenges of hockey at all levels. It is the goal of the course to specifically target elements of the game that are pivotal at the developmental level that most Grade 11 student are at. Narrowing the focus to analyze how an athlete's skills, communication, and motivation can create positive outcomes in a student's abilities. Along with basic skills, they will be able to learn how to place themselves in better positions both on and off the ice. Continuing to learn valuable life skills that can be used in any career field. While this course is open to all levels of hockey ability, students are recommended to complete Hockey 10. **A \$264 monthly fee applies.**

HOCKEY 12 (YLRA-2A)

This course is the final stage of our Hockey program. It continues to provide a training environment for students to further develop their hockey skills and overall knowledge of the game with the idea of continued play as they move on to their adult life. It intends to provide high performance training environment for students to develop hockey skills so they will be prepared to meet challenges of hockey at all levels. As the student's progress through the three courses we focus at the 12 level to analyze, criticize and lead/ mentor the junior students beginning in the hockey courses. It is the goal of the course to further target elements of the game that are pivotal at the developmental level of most grade 12 students. Along with continual work on basic hockey skills, they will be able to learn how to place themselves in better positions both on and off the ice and learn valuable life skills that can be used in any career field. While this course is open to all levels of hockey ability, students are given the opportunity to develop through the course. At the hockey 12 level students will analyze their own play, their teammates play. The goal is to be able to learn how to positively critic themselves and their teammates to better their play and goals. **A \$264 monthly fee applies.**

PE LEADERSHIP-PEER TUTORING 11 (YED-1APE)

This is a new course available to students wanting to be leaders within a physical education setting. Students will be assigned a junior PE class and teacher where they will be expected to use critical and creative thinking in order to create and implement activities that welcome collaboration and physical growth among the students they are working with. The class is designed to help foster physical education experiences while mentoring fellow Riverside students thus, building the students leadership skills. The course is similar to an IDS class where the students are expected to meet with a teacher outside of the timetable. The course is created for students that have an interest in becoming a Physical Education teacher. **A teacher signature is required to be part of the PE Leader-Peer tutoring course.**

SCIENCE

SCIENCE 9

The new Science 9 curriculum has been designed around four big ideas:

1. *Cells are derived from cells.*
2. *The electron arrangement of atoms impacts their chemical nature.*
3. *Electricity is the flow of electrons.*
4. *The biosphere; geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.*

The course will use a variety of learning strategies such as laboratory work, projects and innovative uses of technology.

SCIENCE 9 HONOURS

The format of this course provides students an opportunity to complete Science 9 in an enriched, extended and varied setting. A typical honours student has a good understanding of how they learn and is has the ability work both independently and collaboratively. The outcomes of the course remain the same as a regular Science 9 class but with opportunities to enhance their learning further. Grade 9 students will have the further opportunity to apply for Science 10 Honours. **Assessment test and teacher recommendation required.**

SCIENCE 10

The new Science 10 curriculum has been designed around four big ideas:

1. *DNA is the basis for the diversity of living things.*
2. *Energy change is required as atoms rearrange in chemical processes.*
3. *Energy is conserved, and its transformation can affect living things and the environment.*
4. *The formation of the universe can be explained by the big bang theory.*

The course will use a variety of learning strategies such as laboratory work, projects, inquiry and design and application of innovative technology.

SCIENCE 10 HONOURS

The Honours format offers students an opportunity to complete Science 10 in an enriched and varied setting. In this course, there will be opportunity for projects and activities that will focus on individualized learning and engagement. The typical student has a good understanding of learning and is becoming an independent learner able to function well at both individual and group work. Students may register in this course after Science 9 Honours or Science 9. **Signature of Science 9 teacher required.**

SCIENCE CO-OP 11

This exciting career program will offer Grade 11 students the opportunity to enroll in Chemistry 11, Physics 11, Pre-Calculus 11 and Work Experience 12 in the first semester of their grade 11 year (see individual course descriptions for more detail). Additionally, a C+ or better in Science 10 and pre-calculus Math 10 is recommended.

The following list comprises the first semester:

Chemistry 11 Co-Op (MCH—11P)

Pre-Calculus Math 11 Co-Op (MPREC11P)

Physics 11 Co-Op (MPH—11P)

Work Experience 12 Co-Op (MWEX-2AGP)

Students will be grouped together as a “cohort” for these classes providing a very flexible, adaptable learning environment. The selected courses provide a foundation for further science studies and entrance into a university science program. Enrollment is limited based on available space. Teaching times will be adjusted so that all students in the program can go on their Work Experience after Christmas break (90 hours) and **not miss classes**. Work Experience placements will be in a science related field.

SCIENCE FOR CITIZENS 11 (MSCCT11)

(SCIENCE AND TECHNOLOGY 11)

This course focuses on applying scientific methods and theories in a hands-on environment. It will provide students with opportunities to develop an appreciation of the interactive nature of science and technology. Students will use evidence-based decision making in order to gain knowledge of how science is applied in our daily lives. A variety of topics and units covered in this course include but are not limited to: robotics and automation, material science and manipulation (such as wood, metal, plastic), personal and public health practices, natural hazards and resources and the effects of climate change, personal technology, forensics, and civil engineering.

LIFE SCIENCES 11(BIOLOGY11) (MLFSC11)

Life Sciences 11 provides students with a fundamental knowledge relating to all living things. Students will understand the characteristics that unify organisms, how they evolved over time and are classified into manageable groups according to evolutionary relationships. Students will gain an understanding how different animals and plants have structures suited for survival in their environments. The course covers the following big topics: Classification, Taxonomy and Evolution. Processes such as cellular respiration and photosynthesis and the structures of DNA and RNA are examined with respect to their role in evolution. This course will be taught through a variety of activities including class work, projects, labs and dissection.

ECOLOGICAL STUDIES 11 COHORT		
Life Sciences 11	Environmental Sciences 11	Foundations of (Biological) Inquiry 11 - IDS
1. Life is a result of interactions at the molecular level	1. Complex roles and relationships contribute to diversity of ecosystems	❖ Personal design interests require the evaluation and refinement of skills
2. Evolution occurs at the population level	2. Changing ecosystems are maintained by natural processes	❖ Products can be designed for life cycle
3. Organisms are grouped based on common characteristics	3. Human practices affect the sustainability of ecosystems	❖ Tools and technologies can be adapted for specific purposes.
	4. Humans can play a role in stewardship and restoration of ecosystems	➔ Lead into Capstone Project
<p>Ecological Studies 11 cohort will optimize a blended learning model to create a whole picture understanding of the natural world. The cohort will comprise of two grade 11 Science courses (Life Sciences 11 & Environmental Sciences 11) instructed during 2 blocks of class, layered with an additional IDS course (Foundations of <i>Biological Inquiry 11</i>). This course will layer IDS projects/content throughout the morning and will have additional contact hours via field trips and community engagement projects. Students will gain credit for 3 courses. Concepts will be explored through inquiry-based laboratory exercises, environmental health assessment techniques, student presentations and class trips. A major component of the course will be a multi-day class trip field excursion to Bamfield Marine Science Center (BMSC) located on the West coast of Vancouver Island. \$700 course fee covers BMSC, Vancouver Aquarium & Beatty Biodiversity Museum field trips. Additional optional field trips will be available throughout the course. Payment plan options available.</p>		

ANATOMY & PHYSIOLOGY 12 (BIOLOGY 12) (MATPH12)

This course encompasses two major topics of study: cellular biology and human physiology. Areas of concentration within cellular biology will include a focus on: cell structure, biological compounds and molecules, DNA and protein synthesis. The human physiology unit will emphasize the six major body systems (circulatory, digestion, respiratory, nervous, and urinary and reproduction). **Students must take either Biology 11 or Chemistry 11 before enrolling in Biology 12. Taking both Biology 11 and Chemistry 11 is highly recommended**

CHEMISTRY 11 (MCH—11)

Chemistry 11 is a laboratory-based course that has an emphasis on experimentation and the innovative use of technology. Students will learn about the building blocks of the universe through the following big ideas:

- Atoms and molecules are building blocks of matter.
- Organic chemistry and its applications have significant implications for human health, society, and the environment.
- The mole is a quantity used to make atoms and molecules measurable.
- Matter and energy are conserved in chemical reactions.
- Solubility within a solution is determined by the nature of the solute and the solvent.

CHEMISTRY 12 (MCH—12)

Chemistry 12 focuses on how and why chemical reactions occur. Students will use a variety of learning strategies and resources to investigate collision theory, equilibrium systems, acid/base chemistry and electrochemical reactions. Students will gain an understanding of chemical reactions at the molecular level and of the importance of these reactions to life, industry and society. Mathematical problem-solving is an important component of Chemistry 12.

EARTH SCIENCE 11 (MESC-11)

Earth Science is an introductory science course that builds on topics from earlier science courses. It is a hands-on five units – astronomy, rocks & minerals, geologic time & fossils, internal processes & plate tectonic theory, and surface processes & weather. All topics are taught with an emphasis on our situation in the Lower Mainland and an attempt to include field trips for more relevant learning opportunities. This course is a good preparation for the more extensive Geology 12 course.

GEOLOGY 12 (MGEOL12)

Geology is the grade 12 continuation of Earth Science 11, but any science 11 is a good prerequisite for Geology 12. Topics in this course include: rocks, minerals, resources, earthquakes, volcanoes, Earth's interior, erosion, geologic time, fossils, and the planets. Learning is done through lessons, labs, activities, assignments, and field trips. We focus on the very relevant geology of British Columbia, in context with the whole Earth and the geology on other planets.

PHYSICS 11 (MPH—11)

The new Physics 11 curriculum is designed around 5 core ideas:

1. *Kinematics allows us to predict, describe and analyze and objects motion (Kinematics)*
2. *Forces influence the motion of an object (Dynamics)*
3. *Momentum is conserved in a closed system (Momentum)*
4. *Energy is found in different forms, is conserved and has the ability to do work (Energy)*
5. *The application of conservation laws explains the flow of electricity within a circuit (Electricity)*

Additionally, there are 4 optional units that incorporate 4 more big ideas: At least two of these units must be completed.

1. *Light can be modeled as a wave or particle (Waves and Optics)*
2. *Quantum mechanics can be used to describe the behavior of very small particles (Quantum Mechanics)*
3. *Special Relativity helps explain the relationship between space and time (Special relativity)*
4. *Nuclear reactions involve changes in the atomic nucleus (Nuclear Physics)*

This course will use various core competencies, lab work, technology and projects to address the learning outcomes.

PHYSICS 12 (MPH—12)

The new Physics 12 curriculum is designed around 3 core ideas.

1. *Kinematics allows us to predict, describe and analyze and objects motion (2-D Kinematics)*
2. *Forces influence the motion of an object (2-D Dynamics)*
3. *Momentum and energy are conserved in a closed system (2-D Momentum and Energy)*

Additionally there are 4 optional units that incorporate 5 more big ideas: At least two of these units must be completed.

1. *Electric fields and forces describe how charges interact (Electrostatics)*
2. *The electromagnetic force produces both electricity and magnetism (Electromagnetic Forces and Induction)*
3. *An object in equilibrium is subject to zero net force and zero net torque (Forces in Equilibrium)*
4. *Circular motion occurs as a result of a centre seeking force and can be used to describe and predict the motion of objects. Gravitational forces and fields describe how masses interact. (Circular Motion and Gravitation)*

This course will use various core competencies, lab work, technology and projects to address the learning outcomes.

PSYCHOLOGY

PSYCHOLOGY 12 (YPSYC2A)

Psychology is a course designed to provide students with an understanding of human behaviour and basic concepts in modern psychology. In this course, students will learn how the mind and body are interconnected, how psychology impacts their daily lives, and how psychology explains the way they interact with and relate to each other. **Prerequisite: Science 10**

SOCIAL STUDIES

SOCIAL STUDIES 9

Social Studies 9 offers students the opportunity to explore Canada's history from its inception as a colony of France to its entry into the British Commonwealth and establishment as a nation. By studying the past, students will be able to make connections to current issues and challenges within Canada including with our Indigenous Peoples. The curriculum will develop within students critical thinking skills known as the Historical Thinking Concepts: historical significance, historical perspective, ethical judgment, cause and consequence, continuity and change, analysis of evidence

SOCIAL STUDIES 10

Social Studies 10 will continue to develop the Historical Thinking, whose rudiments were already presented in Social Studies 9. More in-depth Critical and creative thinking will be doubled now by the development of citizenship skills and the preparation of students to take part in Canadian democracy. A much greater accent will be put on students' personal and social competency through which they will begin to develop an understanding about Canadian political and social issues. In history, they will learn about 20th Century Canada in relation to world affairs, such as the World Wars, the depression, our place in the United Nations, etc. As mentioned before, the concepts of Historical Thinking will continue to be developed: historical significance, ethical judgement, cause and consequence, continuity and change and analysis of evidence.

CULTURES COMPARÉES 12 (FR.) (FCMCL12)

This is the course where everything you have learned in History and Socials comes together! *BUILD A CULTURAL PROTOTYPE FOR THE YEAR 3,000*, based on the cultures presented in this course. *Comparative Cultures 12* presents, compares and discusses various cultures: France, Rome-Italy, Germany, Russia, India, China and Japan. We will investigate these cultures' origins and historical evolution, religions, customs and arts, their music and cinema and their current influences on the world. The presentations of each culture will use ample video and audio examples, as well as a representative film for each. All along this course, students will be involved in research, discussions, and debates in order to **CREATE A NEW FUTURE CIVILIZATION**, resulted from a symbiosis of the previous ones. * **FRIM students must take Histoire 12 or Cultures Comparées 12 either in grade 11 or 12.**

ECONOMIC THEORY 12 (MECT-12)

This course introduces students to the basic principles of economics. The course content will include Classical, Neoclassical, Marxist, Keynesian and Contemporary economic theories. Major economic episodes in history will be examined. The key theories, in addition to social and political views, of important economists will be explored. The course is designed to teach students to apply economic models, concepts, and theories to analyze human behavior and to understand how individuals make decisions.

SOCIALS 11 EXPLORATION (MEPSS11)

Social Studies 11 Exploration is comprised of various subject areas that include social justice, law, political studies, human geography, genocide studies and First Nations. The course contains three components – Human Rights, Democratic Engagement/Government and Self-Directed Studies. The Human Rights component include topics related to Canada, the World, First Nations, Socials Justice, Human Geography and Genocide. The Democratic Engagement/Government component address topics related to political studies and citizenship. The Self-Directed Studies component will provide students with an opportunity to pursue an area of interest with an inquiry-based project. The course reinforces the Curriculum Competences from previous Social Studies courses as well as the continued development of concepts associated with Historical Thinking – historical significance, evidence and interpretation, continuity and change, cause and consequence, historical perspective and ethical judgement. **The Social Studies Department highly encourages that Social Studies 11 Explorations be taken before any Social Studies 12 course (History, Law, Geography, Economics, Social Justice).**

PHYSICAL GEOGRAPHY 12 (MPGEO12)

Physical processes that affect the earth in the past, present and future form the basis of this course. Topics include plate tectonics, volcanism, earth-quakes, erosion, climate, weather, map skills, vegetation, and soils. The discussion of these topics leads to an understanding of resources and resource management and people's interaction with an ever- changing environment.

20TH CENTURY WORLD HISTORY 12 (MWH—12)

History 12 is a course that examines the major events, developments and individuals of the 20th century in a global context. The components of the course include the immediate effects of World War I, Interwar Period 1919-1939, World War II 1939-1945 and the Cold War 1945-1991. Human rights, international cooperation, social and cultural developments, the development of communication and transportation technology will be addressed at various junctures in the course. History 12 is designed to foster and develop the students' ability to examine history critically and apply the concepts of Historical Thinking – historical significance, evidence and interpretation, continuity and change, cause and consequence, historical perspective and ethical judgement. The course will therefore have an inquiry-based approach to the study of historical events, developments and individuals. Students will be expected to participate and engage in class and small group discussions and complete projects individually as well as collaboratively in groups.

HISTOIRE 12 (FR.) (FWH—12)

The course will explore the 20th Century World History from the immediate effects of World War I on the new geopolitical realities to the post-World War II global realignments of the economic, political, and social landscapes. Furthermore, History 12 will look upon the more recent events that shaped the world after the end of the Cold War and Canada's role as a strong international voice of peace and progress. History 12 is designed to develop the students' ability to use historical inquiry, recognize implicit and explicit ethical judgements, understand events and facts inside and outside their historical context, make reasoned ethical judgments, and assess the value of various historical accounts. Correspondingly, students are expected to achieve a high level of competency in elaborating minute analyses and construct solid syntheses. The course is based on both collaborative and inter-active activities including: discussions, critical debates, projects, jigsaw activities, roundtables, brainstorming, blogs, etc. * **FRIM students must take Histoire 12 or Cultures Comparées 12 either in grade 11 or 12.**

LAW STUDIES 12 (MLST-12)

The course will provide a comprehensive introduction to law and legal process, particularly as they relate to the Canadian justice system. In addition to discussing the basic components of the law, the course will explore some of the major legal issues facing Canadians, including the parole system, young offenders and juvenile justice, and constitutional rights under the Charter. The course also includes a variety of classroom activities, which supplement the course material. Field trips, guest speakers, films, and documentaries all add to the course. Reading, writing and research skills are essential to student success. Students will analyze actual legal cases utilizing decision making techniques with their legal knowledge to determine case outcomes.

SOCIAL JUSTICE 12 (MSJ—12)

Social Justice 12 is open to students in grades 11 and 12. The course has three focus areas: "defining social justice", "recognizing, confronting and overcoming injustice", and "moving toward a socially just world". Students will be active participants in class discussions, will research issues of injustice, and will develop an action plan to address a selected issue. This will be a stimulating course for students interested in taking the initiative to direct their own learning and to use their acquired knowledge and skills to help create a socially just world.

TECHNOLOGY EDUCATION

POWER TECHNOLOGY 10 (MTPOW10)

This course will help students understand how power is related to energy and motion. Students will learn and develop a skill set for hands-on processes while designing and building. Some of the topics covered in this course include flight technology, simple and complex machines, alternate sources of fuel and power, metalwork and fabrication, welding, and small engines. Students will learn how things work, how they're made, and how to create their own products. This course is open for all grades.

AUTOMOTIVE TECHNOLOGY 11 (MTAUT11)

This course focuses on basic automotive systems and their integral part of society. The purpose of this course is to introduce students to maintenance, components, and repair of a common vehicle. The various units covered include basic maintenance, diagnostic procedures, and simple repair tasks. The course will include hand tool techniques to ensure safe working conditions even if performing work at home. As this course requires hands-on activities, final grades will be a reflection of safe work ethics and quality of participation in addition to theory and lab marks.

AUTOMOTIVE TECHNOLOGY 11 (WOMEN) (MTAUT11-W)

A car maintenance course designed to introduce female students to basic car maintenance and troubleshooting. This course focuses on automotive systems, related components and the automobile as an integral part of our society. The various units will include basic maintenance tasks and diagnostic procedures – especially those which can be performed at home. The course will include tools and techniques to ensure safe working conditions and to help students avoid injury when performing repair tasks. As this course requires “hands-on” activities final grades will reflect safe work shop behaviour and quality of participation in addition to theory & lab marks. Participation in this course will include an exploration of some potential career paths and post-secondary programs. **Note: Only one of Auto 11 and Auto 11 (W) can be taken for credit.**

AUTOMOTIVE TECHNOLOGY 12 (MTAUT12)

This course is an extension of Automotive Technology 11 and takes a closer look at advanced processes related to automotive systems. The course will guide students towards independent trouble-shooting and diagnostics practices in a more independent environment. Some of the topics covered in Automotive Technology 12 include alternate sources of power ie: electric go-karts, tutorial "how-to" videos, advanced engine overhaul, fuel systems, and vehicle modification. As this course requires hands-on activities final grades will reflect safe work shop behaviour and quality of participation. Participation in this course will include and exploration of some potential career paths and post-secondary opportunities.

AUTOMOTIVE TECHNOLOGY 12 (WOMEN) (MTAUT12-W)

This course is an extension of the 11-level course. **Note: Only one of Auto 12 and Auto 12 (W) can be taken for credit.**

BICYCLE TECHNOLOGY 11 (YMR—1A)

This course is designed to introduce students to the fundamental techniques used in the repair and maintenance of bicycles that will be donated to the needy within the community. Students will learn the proper use of the various bicycle tools required as they repair and maintain the bikes. Students will also learn the rules of cycling on the road, bike handling and traffic skills. Once all aspects of bike safety, repair and maintenance have been thoroughly covered, students will participate in supervised bicycle rides within the community. If time permits, there may also be opportunities to build custom frames and to service bicycles and sell them within the community to address the entrepreneurial possibilities of this course. ***Open to all grades**

DRAFTING & DESIGN ANIMATION 10 (MTDRF10)

This is a course that focuses on design. We use drawings, computers, 3d printers, and CNC mills to solve problems related to architecture, healthcare, manufacturing, prototyping, and advertising. We use Autodesk Revit, Inventor, 3Dmax, Adobe Maximo, and Unity software. The skills you learn here are used everywhere in industry, plus it would add some pizzazz to the new CLC project.

DRAFTING 11 (MTDRF11)

This is a continuation of Drafting Design and Animation 10, you will learn advanced techniques to solve problems and present solutions. You will be given challenges to solve that require planning, prototyping, and presenting solutions. We will look at the fields of Architecture, manufacturing, healthcare, and design. Your solutions to these problems would be a great start to a CLC project, or future career.

DRAFTING 12 (MTDRF12)

This is a continuation of Drafting Design and animation 11. You will be working independently on projects related to an industry of your choosing, we will be introducing you to advanced methods of design, presentations and advertising. You will learn how VR is used in many fields to help clients visualize solutions and approve your designs.

ENGINEERING 11(MENR-11)

What does an engineer do? Could I make a six-figure salary? What would I do if I were an engineer? The grade 11 course develops upon previous skills, attitudes and theories developed in earlier grades. Engineering 11 is an applied theory class where students are presented with a design problem and asked to develop potential solutions using scientific & engineering principles. Students will need to work together to solve challenges and create unique solutions. Learn how to demonstrate teamwork and initiative in this collaborative class. Students will use the design process to develop upon their ideas. Student's projects may include how machines work; product design, furniture construction, and a passion project of the students' choosing.

ENGINEERING 12 (MENR-12)

If you want to change the world you may want to consider Engineering 12. Finish your final year with a Bang, while learning key life skills that will assist you in any endeavour. Engineering 12 is an applied theory class where students are presented with design problems and asked to develop viable solutions using scientific and engineering principles. Students will need to be able to demonstrate teamwork and initiative in this collaborative class. Students will use various design approaches to develop their project work. Student projects may include arcade stand, nanotechnology, the Da Vinci case, fabrication as well as smaller design projects.

INDUSTRIAL DESIGN 10 (MTEXP10)

Industrial Design (or I.D.) as it has come to be known is foundational course in understanding different aspects of Technology. Use problem-solving, inquiry, project-based approaches to solve socially relevant design challenges. We look at creative design processes to direct decisions that can improve the world. If you're looking for a course with a real-life (fun) approach to learning, you've found it! Construct a Tablet TV, create a hovercraft or design something creative using the laser engraver. Students explore and learn fundamental skills that they can use throughout their entire life.

ELECTRONICS AND ROBOTICS 10 (MTEAR10)

Using a variety of resources and software, including Arduino Development boards, Sphero robots, VEX robotics. Students will complete a series of projects in order to learn the fundamentals of digital circuits and block-based programming. Students will have the opportunity to design and build robots to solve tasks. Content Areas: electrical theory, production of circuits, electric diagnostic testing, robot design, robot elements programming platforms.

ROBOTICS 11 (MTROB11)

Robotics 11 is an introductory course where students will learn the skills in design, program, and develop the electronics to engineer their own robot. Using a variety of resources and software, including Sphero robots, Vex, Sumo Bots, Arduino Boards, circuit boards, sensors, and motors, students will complete a series of electronics projects in order to learn the fundamentals of digital circuits and programming. Students will have the opportunity to design and build a custom robot to solve real-world problems. ***It is recommended that students have completed a Grade 10 Computers Course.***

ROBOTICS 12 (NTROB12)

This advanced course offers students the opportunity to explore their potential in COMPETITIVE ROBOTICS as a way of STEM (Science, Technology, Engineering, and Math) skills in a practical and hands-on environment. Students work as members of design teams, in a variety of roles to research, design, build, program, and test robots. Students may also have the opportunity of competing in VEX and FRC Robotics competitions locally and provincially.

WOODWORKING 10 (MWWK-10)

This is an introductory woodworking course in which students will use tools, machines and processes to solve challenges related to wood joinery and project development. Students will create projects such as tableware, elegant cases, lamps and furniture. The final goal is for the student to independently design a project, plan the construction of the project, and make the product idea become a reality.

WOODWORKING 11 (MWWK-11)

This course teaches methods of designing and making cabinets, furniture, sculptures, jewelry, bowls and other wood items. Sketching and drawing skills will be an asset in creating unique artistic three-dimensional works of art. In the process of learning to use the equipment safely you will have the opportunity to build projects like a jewelry box or a turned a bowl. You will have the chance to build something of your own design in the last half of the course. You are encouraged to develop expertise in areas of your own interest. Some materials required for personal work are to be purchased by each student.

WOODWORKING 12 (MWWK-12)

woodworking design course that also includes a few elements of construction. Students will have opportunities to work both individually and as a member of a team. Previous knowledge of design, problem-solving, and wood joinery will assist planning of systematic methods of production. Where applicable, students working on personal projects will be required to purchase materials. **Prerequisite - Wood 11 or Industrial design 11**

FURNITURE AND CABINETRY 12 (MTFAC12)

This course deals with methods and code=processes related to furniture design and manufacturing. An emphasis on advanced techniques of joinery and manufacturing. This course also improves teamwork, planning and problem-solving skills. Students will have the opportunity to construct furniture of their own design and will be encouraged to "specialize" in a variety of joinery and construction techniques. Where applicable, students working on personal projects will be required to purchase materials. **Prerequisite - Wood 11 or Industrial design 11**

SEE BELOW FOR DISTRICT TRADES PROGRAMS

COL offers an extensive list of Secondary programming options, including:

Grade 10 Academic		Grade 11 Academic		Grade 12 Academic		Unique Electives	
English Language Arts 10 – 2 Credits	Online	Life Sciences 11	Online	Anatomy and Physiology 12	Online	Accounting 11 & 12	CLOC
<ul style="list-style-type: none"> Composition Creative Writing Literary Studies New Media Spoken Language 		Chemistry 11	Online	Calculus 12	CLOC	Child Development & Caregiving 12	CLOC
English Language Arts 10 – 4 Credits	Online	Composition 11	CLOC	Career Life Connections 12	Online	Caregiving 12	CLOC
(2 of the above choices)	Online	Earth Science 11	CLOC	Chemistry 12	CLOC	Marketing 12	CLOC
Math 10 Foundations	Online	English Language Arts 11	Online	Composition 12	CLOC	Career Life Education 12 (Adult Grad only)	CLOC
Math 10 Pre-Calculus	Online	French 11	Online	Comparative Cultures 12	Online	Tourism 12	Online
Math 10 Workplace	Online	Intro Japanese 11	Online	Creative Writing 12	Online	Work Experience 11 & 12	Blended
French 10	Online	Japanese 11	Online	English Studies 12	Online		
Career Life Education 10	Online	Intro Mandarin 11	Online	French 12	CLOC	YELL – Entrepreneurship 12 (Wednesday Oct-May)	Online
Education Au Choix De Carrier Et De Vie 10	Online	Mandarin 11	Online	Geography 12 (Physical)	CLOC		Online
Physical and Health Education 10	Online	Intro Spanish 11	Online	Japanese 12	CLOC		
Science 10	Online	Spanish 11	Online	Law Studies 12	Online		
Social Studies 10	Online	Life Sciences 11	Online	Mandarin 12	CLOC	Cheer Fitness 11	
		Literary Studies 11	CLOC	Math 12 Foundations	Online	Cheer Leadership 12	Online
		Math 11 Workplace	Online	Math 12 Pre-Calculus	CLOC		
		Math 11 Foundations	Online	Physics 12	Online		
		Math 11 Pre-Calculus	Online	Spanish 12	Online		
		Physics 11	CLOC	20 th Cent. World History 12	Online		
		Science for Citizens 11	CLOC				
		Social Studies 11	Online				
		- (Social Studies 11 credit)	Online				

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Three types of learning environments:

- Online (Continuous Entry):** flexible pacing, communication is predominantly via online tools.
- Blended (Online blended):** specific start/end dates, semester or full year, regularly scheduled face-to-face classes used for seminars, group discussion, labs, or extra support.
- CLOC (Adult Learning Center):** continuous entry, includes both paper-based and online courses, learning support hours, only for students 17+ or with permission.

COL is pleased to offer a range of learning supports including:

- Support teacher in every SD43 secondary school
- Write tests and get support right in your home school
- Ongoing local drop-in support
- Live teacher-led webinar sessions
- Extra testing and online support in the evenings
- Language Lab support hours

Learn more at: Online.sd43.bc.ca

“Youth TRAIN in Trades” Programs

more information and applications: 43Careers.com or call **Doug MacLean 604-341-8977**

Trade Name	Program Details				
	Usually taken in	Student Cost	Length, Intakes & High school Credits	Location of Program	Pre-requisites (recommendations)
Automotive Service Technician	Grade 12	≅ \$400	Intake: all semester 2 16 credits	Centennial	<ul style="list-style-type: none"> ▪ Completion of Auto 11 <u>and</u> Auto 12 (“C+”) ▪ English Lang Arts 12 ▪ any Math 11 (“C+”) ▪ “L” driver’s license and good computer skills
Automotive Collision Repairer	Grade 12	≅ \$1,000	Intake: begins last week of Sept 28 weeks 28 credits	VCC (Broadway)	<ul style="list-style-type: none"> ▪ any Math 11 (“C+”) ▪ a plan for: English Language Arts 12 ▪ Recommended: at least one Auto course

Automotive Painter	Grade 11 or 12	≅ \$800	Intake: all semester 2 16 credits	VCC (Broadway)	<ul style="list-style-type: none"> ▪ English Language Arts 12 ▪ any Math 11 ("C") ▪ Recommended: "L" driver's license ▪ Recommended: at least one Auto course
Baker	Grade 12	≅ \$1,400	Intake: begins first week of Aug 24 weeks 24 credits	VCC (downtown)	<ul style="list-style-type: none"> ▪ English Language Arts 11 ▪ any Math 11 ("C+") ▪ 4-day practicum at VCC ▪ Food Safe Level 1
Bricklayer	Grade 11 or 12	≅ \$275	Intake: all semester 1 16 credits	Pitt Meadows Sec. (Maple Ridge)	<ul style="list-style-type: none"> ▪ English Language Arts 11 ▪ any Math 11 ("C+") ▪ Physical ability to do the job
Cabinet Maker	Grade 12	≅ \$600	Intakes: Oct + Mar 25 weeks 25 weeks 28 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of grade 11 ▪ Wood 11 <u>and</u> Wood 12 ▪ a plan for: English Language Arts 12
Carpenter	Grade 12	≅ \$425	Intake: all semester 2 16 credits	Terry Fox (15 weeks) BCIT (Burnaby) (6 weeks)	<ul style="list-style-type: none"> ▪ Woodworking 11 (and ideally Wood 12) ▪ any Math 11 ("C+") ▪ Drafting + Design 11 - strongly recommended
Cook	Grade 12	≅ \$400	Intake: all semester 2 16 credits	Three site options: Gleneagle, Centennial or Riverside	<ul style="list-style-type: none"> ▪ Cook Training 11 and/or 12 or Foods & Nut. 11 and/or 12 (ideally two or three of them) ▪ Food Safe Level 1
Electrician	Grade 12	≅ \$300	Intake: all semester 1 16 credits	Dr. Charles Best	<ul style="list-style-type: none"> ▪ Math 11 Foundations ("C+") ▪ Physics 11 ▪ Recommended - a Tech Ed 11 course
Hairstylist	Grade 12	≅ \$3,000	Intakes: Sept, Oct, Jan, Mar + May 40 weeks 40 credits	VCC (downtown)	<ul style="list-style-type: none"> ▪ Full completion of grade 11 ▪ a plan for: English Language Arts 12
Heavy Duty Mechanic	Grade 12	≅ \$1,600	Intakes: Sept, Nov, Apr, July 36 weeks 28 credits	VCC (Annacis Island)	<ul style="list-style-type: none"> ▪ Full completion of grade 11 [including any Math 11 ("B")] ▪ Auto 11 ("B") ... ideally Auto 12 ("B")
Ironworker	Grade 12	≅ \$400	Intake: first week of January 23 weeks 20 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of grade 11 ▪ Metal or Welding 11 ▪ a plan for: English Language Arts 12
Metal Fabricator	Grade 12	≅ \$400	Intakes: Sept + Feb 23 weeks 20 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of grade 11 [including any Math 11 ("C+")] ▪ English Lang Arts 12
Millwright	Grade 12	≅ \$1,200	BCIT Intakes: Sept + Feb KPU Intake: Feb 24 weeks 24 credits	BCIT (Burnaby) KPU (Cloverdale)	<ul style="list-style-type: none"> ▪ Completion of gr 11 <u>and</u> 12 English Lang Arts ▪ Math 11 Foundations ("B")... Math 11 Workplace might be accepted ("A")
Motorcycle Mechanic	Grade 12	≅ \$500	Intakes: Sept + Feb All semester 1 <u>or</u> all semester 2 16 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Completion English Lang Arts 11 (plan for English Lang Arts 12) ▪ Automotive 11 or related experience
Commercial Painter	Grade 11 or 12	≅ \$0	Intake: mid-June 6 weeks 4 credits	Fin. Trades Inst. (Surrey)	<ul style="list-style-type: none"> ▪ Full completion of grade 11 ▪ English Lang Arts 12
Plumber	Grade 12	≅ \$200	PIC - intake: mid-June for 8 wks, 8 credits KPU - intake: all of semester 2 20 credits	Piping Ind. College (Annacis Island) KPU (Cloverdale)	<ul style="list-style-type: none"> ▪ any Math 11 ("C+") ▪ PIC: Work Experience 12 with a "plumbing" placement, or have previous plumbing experience
Sheet Metal Worker	Grade 12	≅ \$400	Intakes: Sept + Feb All semester 1 <u>or</u> all semester 2 16 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Full completion of grade 11 ▪ any Math 11 ("C+")
Welder	Grade 12	≅ \$800	Intakes: Aug, Sept, Nov, Jan+Mar 28 weeks 28 credits	BCIT (Burnaby)	<ul style="list-style-type: none"> ▪ Completion of gr 11 <u>and</u> 12 English Lang Arts ▪ any Math 11 ("C+") ▪ Metal/Welding 11

“Youth EXPLORE in Trades” Programs

more information: 43Careers.com or call **Doug MacLean 604-341-8977**

Trade Program	Program Details				
	Usually taken in	Student Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
Trades Sampler	Grade 11 or 12	≅ \$300 + safety shoes and glasses	Semester 2 (early Feb to late April) 12 credits	BCIT (Burnaby mostly, but will visit their other 4-5 campuses)	<ul style="list-style-type: none"> ▪ Completion of grade 11 requirements ▪ English Lang Arts 12 ▪ any Math 11 (“C+”)
	<p><u>Students in the Feb 2018 class experienced 1-4 days in each of the following areas:</u></p> <ul style="list-style-type: none"> ▪ TRADES = Aerospace, Motorcycle Mech, Auto Collision, Auto Service Tech, Sheet Metal, Carpentry, Welding, Electrical, Machinist, Millwright + Ironworker ▪ TRAINING & CERTIFICATIONS = General Safety, WHMiS, OFA 1, Fall arrest/protection, Hilti, Fit Test, Lift Truck + Fire Protection 				
Skills Exploration 10-12	gr 10s + 11s	\$0	Sem 1 or 2, depending on school’s timetabling. Course is 4 credits	Terry Fox, Gleneagle + Dr. Charles Best	<ul style="list-style-type: none"> ▪ None, ideally the student is using this course as a chance to learn more about a few trades and gain some hands-on skills that might lead to further investigation of the TRAIN programs
	<p><u>Depending on the teacher’s offerings, students will experience 4 trades (3 from ‘must’ list + 1 optional) over a semester that are selected from:</u></p> <ul style="list-style-type: none"> ▪ MUST (3-4 of): Automotive Service Tech, Baker, Cook, Carpenter, Design + Drafting, Electrician, Electronics + Robotics, Metal Worker or Welder ▪ OPTIONAL examples (0-1 of) = Horticulturalist, Tiler, Painter, Hardwood Floorer, Auto Painter, Auto Collision Repairer, Cabinet Maker, Sheet Metal Worker... 				

“Youth WORK in Trades” Program

more information: 43Careers.com or call **Joanna Horvath 604-312-7739**

Course Name(s)	Program Details				
	Open to	Student Cost	High school Credits	Location of Program	Requirement
Work 11a, 11b, 12a + 12b (4 courses in total)	gr 10s, 11s, 12s + 1 st year after grad	\$0	For each 120 hrs worked as a paid tradesperson, plus online course work, = 4 credits, up to 16 credits	Working in the community as a paid employee in a trade	<ul style="list-style-type: none"> ▪ you are presently working with a certified tradesperson

GENERAL TRANSITION COURSES: [for students still attending high school]

**Transition Programs are designed to help students explore careers while still attending high school. The goal is to have them move seamlessly to post secondary or work. For more information, visit:
www.sd43.bc.ca/CareerPrograms/Pages/Programs.aspx**

Transition Program	Post-Sec. Partner	Program Details & Credits	Minimum Requirements
Headstart to Art	Emily Carr University of Art + Design	<ul style="list-style-type: none"> ▪ open to all grade 12s ▪ offered at Gleneagle on Tues nights from 6:00pm to 9:00pm [Sem 1: September – December (pre-Christmas Break)] ▪ Year 1 Foundations "Drawing & 2D Language" course is taught ▪ approximate cost: \$450 (domestic) or \$1,500 (international) ▪ Credits: 3 Emily Carr Univ. credits, plus a review of your portfolio 	Recommended by home school Art teacher; meet Emily Carr admission requirements
Concurrent Courses	Douglas College	<ul style="list-style-type: none"> ▪ open to all grade 12s ▪ offered at New West and Coq. campuses (Sem 2) ▪ Offer a variety of "university transfer courses" (see district website for listing of course offerings) <ul style="list-style-type: none"> ▪ Online registration begins in mid-November ▪ Refer to Douglas College calendar for application and course fees ▪ Credits: 3 Douglas College credits, which are transferable to other institutions 	Completion of grade 11; Recommended by school counselor; ability to write well (may need to write an English assessment test if applying for English or Communication classes)
Concurrent Courses	Simon Fraser University (SFU)	<ul style="list-style-type: none"> ▪ open to all grade 12s ▪ offered at Burnaby and Surrey campuses (Sem 2) ▪ Offer a variety of "university courses" (refer to SFU calendar for courses and times that do not conflict with high school schedule) <ul style="list-style-type: none"> ▪ Can take 1 or 2 concurrent courses ▪ Refer to SFU calendar for application and course fees <ul style="list-style-type: none"> ▪ 3 SFU credits 	Completion of grade 11; Recommended by school principal; Brief cover letter indicating courses of interest and academic goals
Forklift, Scissor, and/or Bobcat	Varies, depending on provider	<ul style="list-style-type: none"> ▪ open to grade 10s, 11s and 12s ▪ various times in the school year ▪ Forklift = 2 days training (≅ \$200)... usually pro-day + Saturday <ul style="list-style-type: none"> ▪ Scissor Lift = 1 day training (≅ \$80)... usually pro-d day ▪ Bobcat = 1 day training (≅ \$80)... usually pro-d day 	Parent approval
Occupational First Aid Certification	Varies, depending on provider	<ul style="list-style-type: none"> ▪ Occ. First Aid – Lev 1 = 1 day training (≅ \$70) <ul style="list-style-type: none"> ▪ Credits: Industry Certification 	Parent approval

DOUGLAS COLLEGE TRANSITION PROGRAMS: [for graduating students]

**Transition Programs are designed to help students explore careers while still attending high school. The goal is to have them move seamlessly to post secondary or work. For more information, visit:
www.sd43.bc.ca/CareerPrograms/Pages/Programs.aspx**

Transition Program	Program Details	Credentials	Minimum Requirements (besides Douglas College entrance requirements, must have:)
Health Sciences	<ul style="list-style-type: none"> ▪ Reserved seating for Coquitlam graduates in: Dental Assisting, Dispensing Optician, Health Care Support Worker, Health Information Management and Psychiatric Nursing ▪ Offered at New Westminster and Coquitlam campuses 	<ul style="list-style-type: none"> ▪ Diploma or Degree, depending on student program choice 	Work Experience 12 (in relevant 'health science' field)
Veterinary Technology (VETEC)	<ul style="list-style-type: none"> ▪ Reserved seating for qualified Coquitlam graduates ▪ Designed for students who want to find employment working in an animal hospital or with a veterinarian ▪ Offered at Coquitlam campus 	<ul style="list-style-type: none"> ▪ Diploma 	Biology 11 (C+) <u>or</u> Biology 12 (C); Chemistry 11 (C+) <u>or</u> Chemistry 12 (C); a Grade 12 Science course (C+); Foundations Math 11 (C) <u>or</u> Pre-Calculus 11; English 12 (B); Work Experience 12 (B) (in 'animal' field) Personal Interview with DC representative Two letters of Reference (ideally in related field)
Bachelor of Physical Education (PE)	<ul style="list-style-type: none"> ▪ Offered at Coq. and New West campuses ▪ Students who get accepted into this DC Program, and have gained high school credits for Fitness 11 and Fitness 12, will get DC credit for SPSC 1103 	<ul style="list-style-type: none"> ▪ Diploma 	Personal interview with DC representative(s) Two letters of Reference (ideally in related field)
Classroom & Community Support (CYC)	<ul style="list-style-type: none"> ▪ Reserved seating for qualified Coquitlam graduates ▪ Designed for students who want to find employment as Education Assistants or Youth Workers ▪ Offered at Coquitlam campus 	<ul style="list-style-type: none"> ▪ Certificate or Diploma, depending on program of choice 	Eng 12 (C) <u>or</u> Comm 12 (B) <u>or</u> DC 'Assessment Test'; Two letters of Reference (one must be from school teacher or counselor) Student Letter of Intent (stating reasons for choosing this program, short- and long-term goals, strengths and limitations) 60 hours of relevant volunteer or work experience (recommend: Work Exp 12)
Early Childhood Education (ECE)	<ul style="list-style-type: none"> ▪ Qualified Coquitlam students can take a first year course early, like CFCS 1110 or CFCS 1112, that is traditionally not available until after being fully accepted into the program ▪ Designed for students who want to find employment as Daycare or Pre-School workers ▪ Offered at Coquitlam campus 	<ul style="list-style-type: none"> ▪ Certificate or Diploma, depending on program of choice 	Eng 12 (C) <u>or</u> DC 'Assessment Test'; 50 hours of relevant volunteer or work experience (recommend: Work Exp 12)
Hospitality Management (HOSP)	<ul style="list-style-type: none"> ▪ Designed for students who want a career in tourism, which includes the restaurant and hotel industries ▪ Students who took the ACE IT 'Professional Cook – Level 1' program will be given credit for HOSP 1145 ▪ Offered at Coquitlam campus 	<ul style="list-style-type: none"> ▪ Diploma, with the ability to transfer it to a Degree 	English 12 (C); Foundations Math 11 (C) or Pre Calculus 11; Recommended to have Tourism 11/12 and/or a Cook Training course
Music Technology	<ul style="list-style-type: none"> ▪ Reserved seating for qualified Coquitlam graduates ▪ Designed for students who want to find employment in music software, recording and/or production ▪ Offered at New Westminster campus 	<ul style="list-style-type: none"> ▪ Certificate 	High school course(s) in music software (ex: Music Composition); Recommendation by high school music teacher