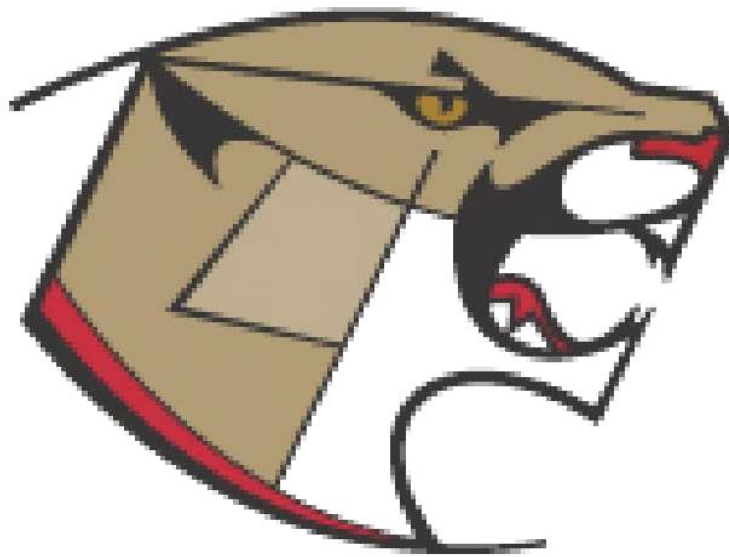


BURNABY CENTRAL SECONDARY

HOME OF THE WILDCATS



Course Planning Booklet

2021-2022

BURNABY CENTRAL SECONDARY SCHOOL

HOME OF THE WILDCATS

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COURSE SELECTION 2021 - 2022

This Course Selection book provides students and parents with the necessary information to develop a meaningful educational plan for the graduation program.

EDUCATIONAL PLANNING

Planning for Success

As a student at Burnaby Central Secondary School the path to future success relies on your active involvement. The key to success is you! Good planning takes time and thought. Your course selection is an important decision. Discuss your goals with your parents/guardians and counsellor. In selecting courses, particularly for Grade 10 and 11 students, post-secondary options should be considered.

Many opportunities are available here at Burnaby Central. Make your high school years challenging as well as enjoyable.

- The information that you provide is used to build our timetable and determine staffing
- Every effort will be made to provide you with the courses that you have selected
- Because of various timetable constraints your initial course requests may have to be adjusted
- Students are expected to take at least 8 courses per year
- Students may take a 9th or 10th course that is scheduled before or after the regular school day

CHOOSING COURSES

We encourage students to read course descriptions carefully and consult with their parents/guardians and their counsellor before finalizing course selections for next year.

POST-SECONDARY INFORMATION

Each student is responsible for ensuring that selected courses meet post-secondary requirements in accordance with his/her learning plan. If you have questions, please meet with your counsellor.



ADVANCE PLACEMENT (AP) COURSES

Students can enrich their educational experience at Burnaby Central through our various AP Courses that are offered. Not only does taking an AP course in high school give a student an opportunity to potentially get University credit in high school, AP courses are shown to help better prepare high school students for the academic challenges that you experience in University.

Research consistently shows that students who are successful in AP typically experience greater academic success in college than similar students who do not participate in AP.

Post-Secondary institutes are beginning to look at prospective students' portfolios and evaluate how rigorous their senior years are, how diverse their course loads are and there's no better way to "beef up" your application than by being able to add an AP course or two.

When applying for any AP course, students are required complete an online recommendation form that will be forwarded to the classroom teacher- in the event there is a waitlist for the course, these recommendation forms will play a large deciding factor in who will be accepted into classes.

Information about ordering AP exams will be available to all students in January. Please note that each exam costs approximately \$135 (the price is subject to change with notice due to the fluctuating value of the Canadian dollar) and is payable by the end of February. AP exams are written in May. Full course descriptions can be found at the AP website:

<http://apcentral.collegeboard.com/apc/public/courses/descriptions/index.html>

AP MACROECONOMICS *(This course is open to strong academic students in Grade 10 and up)*

AP Macroeconomics provides students with a thorough understanding of the principles of economics and how economists use those principles to examine aggregate economic behavior. Students learn how the measures of economic performance, such as gross domestic product (GDP), inflation, and unemployment are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. The course recognizes the global nature of economics and provides ample opportunities to examine the impact of international trade and finance on nation economics.

AP ENGLISH LITERATURE & COMPOSITION

AP English Literature and Composition focuses on reading, analyzing and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative languages, imagery, and symbolism. Writing assignments include expository, analytical and argumentative essays that require students to analyze and interpret literary works.

AP CALCULUS

This course is open to strong academic students who have completed Calculus 12 prior to the start of this course. AP Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically, and verbally.



AP COMPUTER SCIENCE A

This course is open to strong academic students and recommended that they have completed Computer Science 11 prior to the start of this course. AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code. They will explore concepts like modularity, variables and control structures. The emphasis of the course is object-oriented programming and designing using the Java programming language.

AP STATISTICS

This course is open to strong academic students in Grade 10 and up, who have a demonstrated aptitude for math. In AP Statistics, we learn to examine raw data, graphs, charts, rates, percentages, probabilities, averages, forecasts, and trend lines- major concepts and tools used collecting, analyzing and drawing conclusions from data.

AP CHINESE LANGUAGE & CULTURE

This course is open to strong academic students in Grade 10 and up, who have met a prior Mandarin language level assessment and completed English 10 prior to the start of this course. AP Chinese is intended for students who are looking to develop their Chinese proficiency across the three communicative modes (Interpersonal, Interpretive, and Presentational) and the five goal areas (Communication, Cultures, Connections, Comparisons, and Communities), which align with the Standards for Foreign Language Learning by the American Council on the Teaching of Foreign Languages. Chinese culture and social issues are explored in greater depth.

AP FRENCH LANGUAGE & CULTURE

This course is open to strong academic students who have completed previous French courses, or who can demonstrate that they have met a prior French language level assessment. AP French Language and Culture emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. This course engages students in an exploration of culture in both contemporary and historical contexts.

AP BIOLOGY

This course is open to strong academic, who have previously enrolled in Life Sciences 11 Enriched & Anatomy & Physiology 12 Enriched- a cohort will be formed. This second semester course prepares students for the May AP exam- as well as covers topics that require more depth from both Life Sciences 11 and Anatomy & Physiology 12. Please refer to Burnaby Central's Sciences Department Course Descriptions for more information on the pre-requisite courses.

VISUAL & PERFORMING ARTS

AP Courses in this discipline are designed for students who are seriously interested in the practical experience of art. AP Courses in this department are not based on a written exam; instead, students submit portfolios for evaluation during the May AP examination period. The portfolios share a basic structure, which requires students to show fundamental competences and range of understanding of visual concerns and methods. Each course asks students to demonstrate a depth of investigation and process of discovery through the Concentration section, the Breadth section and the Quality section.



AP 2-D DESIGN PORTFOLIO

Students must create five physical works or high-quality printed reproductions of physical works that each demonstrate synthesis of materials, processes, and ideas using 2-D art and design skills. They must also include 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision.

AP 3-D DESIGN PORTFOLIO

Students must create 10 digital images consisting of two views each of five works that demonstrate synthesis of materials, processes, and ideas using 3-D art and design skills. They must also include 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision.

AP STUDIO ART: DRAWING

Students must create five physical works or high-quality printed reproductions of physical works that each demonstrate synthesis of materials, processes, and ideas using drawing skills. They must also include 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision.

APPLIED DESIGN, SKILLS AND TECHNOLOGY

HOME ECONOMICS **“Teaching skills for LIFE”**

Home Economics courses at Burnaby Central are fun, hands-on courses that help students become better prepared for our changing world. We focus on empowering young people to become active and informed members of society with respect to both living independently and living with others. The Home Economics curriculum fosters critical thinking and problem-solving skills needed to manage resources effectively. In doing so, Home Economics education makes an important contribution to:

- Improving the quality of students’ present and future family lives
- Increasing students’ resourcefulness in dealing with life’s daily challenges
- Enhancing students’ development as responsible citizens

HOME ECONOMICS 8

This hands-on course helps you learn "SKILLS FOR LIFE"! You will learn about kitchen safety, metric measurement, healthy eating habits, and how to prepare delicious snacks. Not only will you get to show your creativity with food, but you will get to express your personal style by creating your very own apron or gym bag. You will be able to impress your friends and family with your enhanced skills and learn healthy eating habits too!

FOOD STUDIES 9

This course will focus on skills in the areas of food preparation and meal planning with an emphasis on nutrition and time management. Students work in cooperative groups to prepare a variety of popular and nutritious meals and snacks such as breakfast, lunch, dinner and baking. Students will explore topics such as kitchen safety, sanitation, nutrition, the role of ingredients, First Peoples food use and how food production impacts society. The skills and knowledge acquired in this course provide students with practical skills for everyday life.



TEXTILES 9

This course is an introductory course that enables students to learn textiles knowledge and sewing skills to express their personal style and creativity. No previous experience required. Students will construct two to three simple garments/crafts that may include pajama pants, hoodies and craft items such as quilted pillow, pencil cases, bags and Coast Salish knitting. Students will learn how to operate a Janome sewing machine and sergers, cultural influences on fashion and textile choice, sewing terminology, fibre characteristics and care. A small selection of fabrics are available for use, however students are encouraged to purchase their own materials based on personal style and preference.

CULINARY ARTS 10

This course is designed as an introduction to food preparation in the teaching kitchen. Students will develop food preparation, catering and food marketing skills in a team environment. This course is a valuable first step for students wishing to learn the basics of commercial cooking or those wanting to take the Cook's Training Level 1 Course offered at Burnaby Central.

SKILLS EXPLORATION 10 – INTERNATIONAL FOODS 10

Journey to Thailand, India, Italy, China, Mexico, Greece and other countries by preparing a variety of appetizers, breads, soups, salads, and desserts. Using food, discover the similarities and differences of each country's customs and cuisine. Learn about world cuisine, factors influencing food choices, travel, geography, climate/growing conditions, and nutrition. Bring your appetite and sense of adventure to try new and delicious foods! It is an experience you will not want to miss!

TEXTILES 10

Students continue to develop basic garment construction techniques and select projects to practice new techniques. No previous experience required. Possible projects include the use of both knits and woven fabrics, pants/skirts, unlined jackets/shirts. Students will explore the origins, characteristics, and care of natural and manufactured textiles, First Peoples traditional and current textile knowledge and practices, strategies for altering patterns and upcycling, principles of design, environmental factors and ethical impact of the Textiles industry and the impact of those choices on local and global communities. A small selection of fabrics is available for use; however, students are encouraged to purchase their own materials based on personal style and preference.

BAKING 11

The baking and pastry professions are growing rapidly so this course is offered to introduce students to the background knowledge, skills and practical required to produce quantity commercial baked goods offered in our cafeteria. All baking skills learned are transferable to baking at home for your friends and family or to a career in the food industry. Students will focus on those skills necessary to produce attractive and tasty products. We will be concentrating on superior taste, creative expression, cost efficiency, organization, time management and teamwork. This course is also offered in the morning during X Block.

CULINARY ARTS 11

This fun, interactive course teaches students to focus on quantity food preparation. Students develop the skills necessary for commercial food preparation as they participate in activities related to receiving, storing, preparing and presenting nutritious foods. The knowledge gained will provide life skills that will enable students to cook for family and friends. All students will learn the necessary skills for working in the food industry today.

FOOD STUDIES 11

Students will further enhance their knowledge and skills by preparing nutritious and appetizing products. You will also have an opportunity to select and prepare your own recipes (with guidance from the teacher) and use



consumer skills by exploring and comparing similar food products. Units of study will include food preservation, baking, impact of diet on health, yeast breads, soups, grain products, fad diets, multi-course meals, desserts and the impact of sugar consumption on health. Bring an open mind and an adventurous palate.

INTERPERSONAL & FAMILY RELATIONSHIPS 11

This course enables students to explore the factors involved in interpersonal relationships. Topics will include reasons and the importance of forming relationships, definitions of committed relationships, cultural influences, factors involved in ending relationships, components of healthy relationships and how to thrive and reciprocate in a variety of relationships, indicators of unsafe relationships, actions to ensure safety in relationships and communication styles and strategies.

TEXTILES 11

Students will build on their clothing construction skills and textiles knowledge. No previous experience required. Student's projects may include: lined jackets/coats, dresses, pants, knits and craft items. Students will explore careers in design, production and marketing of textile items, historical influences of fashion and textile choices and the properties, selection/care of natural and manufactured fibres and yarns, and ethical and economic issues in the Textiles industry. A small selection of fabrics is available for use, however, students are encouraged to purchase their own materials based on personal style and preference.

BAKING 12 – SPECIALIZED STUDIES IN FOODS

This course enables students to learn the advanced baking principles and techniques. Students will gain the knowledge and skills required to create professional desserts, to work in the baking and pastry arts industry and/or to be prepared for post-secondary baking and pastry arts programs. The course focusses on foundational baking knowledge, application of baking principles, time management skills, analyzing and problem-solving skills, managing baking processes, achieving product outcomes and plating skills. Units of study will include artisan breads, pastry dough, batters, cookies, cakes, fillings, dessert sauces, plating desserts, cake design and creation, chocolate and confection work.

CHILD DEVELOPMENT AND CARE GIVING 12 (Child and Youth Education 12)

This course explores child development from prenatal to youth. Stages of child development from birth to age 12, including cognitive, social, physical, and emotional development, and language and speech will be explored. Students will also gain valuable skills in the areas of conflict resolution, mentorship, communication and working with youth. Additional topics will include the role of play in human development and learning, nutritional needs and feeding practices for children of various ages and theories of caregiving styles and impacts on child development. Experiences will be gained from hands on interactions with partnered elementary schools.

CULINARY ARTS 12

This fun, hands on culinary course teaches students to focus on quantity food preparation. While experiencing the creative preparation and presentation of food, students become leaders who can apply their learned skills to their home life and in public food-service facilities. Students will have the opportunity to develop skills required to work in the food industry.

FOOD STUDIES 12

In this course, you will learn and apply advanced food preparation techniques and prepare multi-course meals. Units of study will include food preservation, baking, consumer comparisons, food security, genetically modified foods, yeast breads, stock based soups, salads, grain products (oats, corn, filled pasta) types of vegetarians, multi-course meals, and desserts. Have fun working with your group, appreciating, exploring and tasting the wonderful world of food.



TEXTILES 12

Students will experiment with challenging fabrics, methods for designing patterns and advanced techniques in this course. Students will construct advanced textile items which may include tailored garments, lined garments, evening wear, costumes, swimwear and or active wear. Students will explore ethical and environmental issues in the fashion industry, historical uses of textile items and their influence on modern textile use, First Peoples historical textile practices, influences of design, production, labelling and distribution, relationship between fibre content, fabric type and its appropriate use. A small selection of fabrics is available for use, however, students are encouraged to purchase their own fabric based on personal style and preference.

TECHNOLOGY EDUCATION

TECHNOLOGY 8

The philosophy that underlies broad-based technological education is that students learn best by doing. This curriculum therefore adopts an activity-based, project-driven approach that involves students in problem solving as they develop knowledge and skills and gain experience in the technological subject area of their choice. In Technology Education 8, we explore three technological areas where students demonstrate an understanding of Isometric drawing. Learn the concept of isometric and orthographic views. Convert isometric shapes into architectural structures. They learn about an electronic system and some of the components used. They learn about resistors, capacitors, transistors and etc. Students learn about safety in the wood fabrication shop and build projects to go along the three technology areas.

DRAFTING 9 (Technical Design)

Students will explore basic drafting that will demonstrate architectural, mechanical and computer aided design (CAD) and model construction.

ELECTRONICS & ROBOTICS 9

This course covers basic electronic concepts, including circuits, schematics, electronic test equipment and measurement. Students will construct electronic projects such as strobe lights, electronic games, toys, alarms, timers, motion detectors and amplifiers. Additional costs may be incurred for program options.

WOODWORK 9

This course develops a basic knowledge of many aspects of woodworking including design, joinery and finishing. Workplace health and safety will be emphasized. Additional costs may be incurred if students choose to purchase their own wood for individualized projects.

POWER TECHNOLOGY 9 (Automotive 9)

This is an exciting class that introduces both female and male students to modern small engine principles. Students not only learn by completing an engine overhaul, they will also design and build a CO2 powered race car model. Students will also learn how to braze and weld metal. Additional costs may be incurred for program options.

DRAFTING 10 (Technical Design)

This course covers basic drafting techniques including pictorial drawings, orthographic projection, dimensioning and geometric construction projects. The theoretical part of the course is incorporated in the drawings on a continuous basis. All drawings are CAD generated.

ELECTRONICS & ROBOTICS 10

Students will work to develop technological skills that have real value. They will build electronic systems,



power supplies and audio equipment. Students will use computers for graphics, computer- assisted design, presentations, design of project circuit boards and project enclosures. Additional costs may be incurred for program options.

POWER TECHNOLOGY 10 (Automotive Technology 10)

If you can read and understand technical information you can repair and service all components and systems on a modern car. Emphasis is on developing basic skills with practical hands-on applications. Topics will include Ignition, Cooling, Charging, Lubricating, Starting, Computer Controls and Braking systems. Students will also learn how to braze and weld metals.

WOODWORK 10

This course develops a basic knowledge of many aspects of woodworking including design, joinery and finishing. Workplace health and safety will be emphasized. Students who successfully completed Woodwork 9 will experience more advanced cabinet making techniques. Additional costs may be incurred if students choose to purchase their own wood for individualized projects.

ART METAL AND JEWELRY 10 – 12

In this course students will combine wood, metals and stained glass to create projects with an emphasis on creative expression, the elements and principles of design, form over function and craft production. Some projects may include woodcarvings, stained glass constructions, lost wax castings such as silver rings, jewelry or sculpture, jewelry boxes and picture frames. Additional costs may be incurred for program options.

DRAFTING 11

This course provides students with opportunities to develop their ability to apply Drafting and Design concepts through a practical, hands-on learning environment. During this introductory senior year, students will explore how to create basic drawings by hand using drafting instruments and, on the computer, using a CAD based application program. Areas covered are basic shapes, orthographic projection, dimensioning, pictorial views, developments, sections, architectural, and mechanical drawings. Students will be required to work cooperatively and to communicate their ideas to others.

ELECTRONICS 11

This course covers basic electronic concepts in both analog and digital circuits. Students will construct a variety of project designs and will be encouraged to apply circuit design to a chosen application. An introduction to programming micro-controllers using BASIC and assembly language is included. Additional costs may be incurred for program options.

AUTOMOTIVE TECHNOLOGY 11

Cars, cars and more cars. Explore the fascinating and exciting ever-changing world of automobiles. This new course emphasizes basic practical skill development that includes instruction on all systems. Topics include tune-up, engine performance, brakes, and servicing of all aspects of the car. Sixty per cent hands-on practical work.

WOODWORK 11

This course provides the opportunity to learn the safe uses of a wide variety of hand and machine woodworking tools. It will also cover some basic knowledge of wood and wood products as well as basic finishing techniques. Students will learn a variety of common woodworking joints. Additional costs may be incurred if students choose to purchase their own wood for individualized projects.



DRAFTING 12

This course provides students with the opportunity to build on the concepts learned in Drafting 11. Students will work on more advanced activities. There will be an opportunity to work on activities in an area that interests the student. Emphasis on completing work to professional standards using CAD. Students will also be introduced to mechanical engineering concepts. Students will learn to measure mechanical parts and examine their assembly to understand how parts work together. Drawings will be produced by hand and with CAD in 2D and 3D design. They will evaluate a variety of materials to the design of mechanical units and become familiar with various manufacturing processes. Students will develop designs relating to architecture, study the standards and conventions required, use reference material to design for loads and ergonomics and be informed of employment potential in this field. Perspective and rendering will also be presented. This is an excellent introductory engineering course prior to entering a post-secondary engineering program.

ELECTRONICS 12

This course covers basic electronic concepts in both analog and digital circuits. Students will construct a variety of project designs and will be encouraged to apply circuit design to a chosen application. An introduction to programming micro controllers using BASIC and assembly language is included. Students will learn the standards and conventions of electronic engineering and learn acceptable attitudes and ethics required in industry. Emphasis will be placed on employment opportunities available in this field. Additional costs may be incurred for program options.

AUTOMOTIVE TECHNOLOGY 12

This course is designed to give students more in-depth instruction on engine management systems, including computer controls. Both basic and advanced practical skills are acquired in this course including problem-solving, repair and servicing vehicles that permit the student to develop marketable abilities and apply appropriate skills to service and maintain the modern automobile. Hands-on practical work with safety related supervised instruction is emphasized

ENGINE AND DRIVETRAIN 12

This course provides students with opportunities to develop abilities to safely use an assortment of specialized tools and computerized equipment necessary to diagnose, service and maintain the engine, its support systems and the drive mechanisms from the power source to the driven wheels. Includes the clutch, transmission, transaxle, differential and engine.

FURNITURE AND CABINETRY 12

This course provides the opportunity to learn the safe uses of a wide variety of hand and machine woodworking tools. Students will also learn the procedures and techniques used to build high quality cabinetry using both face-frame and flush face construction. Fasteners finishes and adhesives specific to cabinet fabrication will also be examined. This course provides the opportunity to learn the safe uses of a wide variety of hand and machine woodworking tools. Students will learn the procedures and techniques used to build high quality furniture. Fasteners, finishes and adhesives specific to furniture fabrication will also be examined. Additional costs may be incurred if students choose to purchase their own wood for individualized projects.

WOODWORK 12

This course will focus on the design and production of craft products using carving, turning, cutting and drilling processes. Students will develop their skills through project-based learning. Additional costs may be incurred if students choose to purchase their own wood for individualized projects.



BUSINESS EDUCATION

ENTREPRENEURSHIP & MARKETING 8 (Business Technology 8)

This course brings business and computers together. Be introduced to some exciting business concepts like marketing, entrepreneurship and much more. All courses in school require computer generated reports and presentations, you will learn life-long skills that you will use in school, at work, or in your personal life. Learn to type properly and improve your speed and accuracy.

Learn to use the Microsoft Office 365 Package which is provided to each student free of charge to use at school and home. We will cover the Digital Literacy portion of the curriculum as we learn to protect your online presence as we discuss cyber bullying, viruses, online scams and how to manage your digital tattoo.

ENTREPRENEURSHIP & MARKETING 9 (Business Ventures 9)

This course is incorporated with the popular grade 10 course. If you are interested in learning what business is all about, then this is your next stop. You will learn aspects of a wide variety of business topics including accounting, finance, economics, marketing, investing, money management, and much more. Just like the grade 10's you may have a chance to start your own business competing with other teams to sell products or services in the school and enjoy the profits too! This class is a great starting point to all other business courses at Central.

INFORMATION & COMMUNICATION TECHNOLOGIES 9 (Computer Apps 9)

This course is one of the most useful classes that you will ever take. Using the Microsoft Office suite of products, you will learn very important computer skills including word processing (format a report for English), spreadsheets (make a graph for Science), and presentation programs (for all your classes). You will develop proper keyboarding skills. Become aware of security threats such as viruses, spyware, cyber bullying, and how to keep you and your family safe. You may also try out Photoshop, website creation, programming, music editing, or more.

INFORMATION & COMMUNICATION TECHNOLOGIES 9(Advanced Computers Apps 9)

Very similar to the course above, more advanced students will progress a bit faster so that we can have more fun with more advanced programs such as music editing, animation, deeper programming, and even video editing. See Mr. Kamiya for more info.

ENTREPRENEURSHIP & MARKETING 10 (Business Ventures 10)

Business is all around you. Everyone needs to learn about how money and the excitement of the business world is pervasive in all aspects of life. Like many others, you may also find that your passions lie in the field of business. Everyone needs to learn basic accounting, finance, economics, marketing, investing, and money management. You may also have a chance to start your own business competing with other teams to sell products or services in the school and enjoy the profits too!

DIGITAL COMMUNICATIONS 10 & 11

This exciting, hands-on course will help you learn how to effectively use the computer as a problem-solving tool. Building on the skills from prior computer experiences, learn to energize your assignments with computer graphics and presentation software. We utilize the Office 365 suite of programs including Word, Excel spreadsheets, and much more. You will learn about Entrepreneurship, Finance and budgeting as well as Marketing in this course. You may also learn advanced topics such as basic website design, video editing, alternative presentation types, and much more.



ACCOUNTING 11

This is knowledge that everyone needs in life. Do you want to own or work in a small business? This course is highly recommended for students who want to become a professional (accountant, doctor, lawyer, business person) and learn what is required to look after your own business. Learn the fundamentals of accounting and the techniques of solving financial problems. Projects include applying accounting principles to a business such as the school store or an external business such as Roger's Arena.

APPLICATIONS OF LEADERSHIP 11: TECHNOLOGY

Designed for students considering engineering, programming, graphic design or any post-secondary studies utilizing computers. This self-directed course is designed for those students who want to work on high-end, integrated computer projects. These projects can include 3D modeling, Photoshop, video and sound editing, and programming (Java, Python, or whatever language that your program will be studying). You are responsible for creating your own learning plan. Students must be self-motivated and able to complete individual projects.

MARKETING & PROMOTION 11

This is a practical, activity-based course that provides a framework for creative application for retailing concepts. Topics include retail marketing, consumer research, store operations, retail selling, promotion and advertising. Students are responsible for operating the school store and will design and produce Central merchandise such as clothing (hoodies, sweats, T-shirts, bags and more) as well as bringing new items into the store.

COMPUTER PROGRAMMING 11

Students can choose their learning to suit their styles and can investigate a variety of programming languages including JavaScript, Python, C++, Java and much more. Some students also have the chance to try Unity, Flash, Blender and other advanced computer programs. Students work independently or in small groups to learn and understand the code and ultimately will amend and enhance their code and investigate more advanced topics.

TOURISM 11 & 12

This is a comprehensive introduction to a fast-paced, rapidly changing, and extremely diversified industry. Core elements are designed to encourage students to apply and refine a wide range of skills and knowledge. This course will provide students with both transferrable and employability skills and a foundation for workplace training in the five sectors of the tourism industry.

MEDIA DESIGN 11 (Video Production 11)

This is a fun and very creative class. Using advanced video editing software (Adobe Premiere), learn to create your own videos incorporating camera tricks and customized video effects and transitions. Emphasis is on starting with an idea, developing a proposal and script, filming, and editing the video by adding sound & music. More advanced students may be able to try out advanced special effects using Adobe After Effects. Final project will be to create your own short movie. We will also investigate basic web design and Flash animations.

MEDIA DESIGN 12 (Video Production 12)

Explore all aspects of video editing in a fully project-based class. You will learn industry standard Premiere video editing and move towards advanced special effects using After Effects. Emphasis will be on creating not only visually impressive productions but also interesting and varied content. Final project will be to create your own movie (from writing a script, filming schedule, filming, editing, to creating a full DVD menu). Students may also be able to enter video contests.



APPLICATIONS OF LEADERSHIP 12: TECHNOLOGY

A must for any student considering engineering or computer sciences. This course continues the project approach in grade 11. Students will complete designated programs started in grade 11 or proceed to new ones. In addition, students will work on advanced projects using industry standard software. If you can dream of an application or a design, then you can do it here. Students must be self-motivated and able to complete projects on their own.

ECONOMICS 12

With what's gone on in the US and here in Canada, economic concepts are more important than ever and is a must for any student whether they go to business school or any career. To excel in today's business world, you must have a good understanding of how economics governs our lives. Topics include supply and demand, production/distribution, labour, role of government, international trade, decision making in business. Students may apply these topics in activities that include discussion of current events, entrepreneurial games, the stock market game, projects, debates, and global studies. This course can be used for university GPA calculations and open to younger grades.

ENTREPRENEURSHIP 12

Are you interested in starting your own business? Would you like to make some money? Entrepreneurs come in all shapes and sizes and this course will start you on your way. You can look into areas such as investing, starting a business, becoming an entrepreneur in a company. We can look at existing successful entrepreneurs and look at all the many areas where we can make our own mark. This project-based course has so many possibilities. Let's have some fun and make some profit!

FINANCIAL ACCOUNTING 12

A must if you are planning to go to business school. This course is intended for students who wish to pursue post-secondary studies in accounting, finance, business management, or commerce. Accounting theory and assessment of financial statements will be the emphasis of this course. Students without Accounting 11 may have difficulty with this course.

E-COMMERCE 12 (Marketing 12)

Marketing 12 is a study of national and international marketing and advanced topics of e-commerce. Topics include marketing research, product planning, product enhancement, sales promotion and advertising including the design and production of Wildcat clothing and merchandise. Students will be actively involved in the daily operation of the school store. Those who have taken Marketing 11 are prime candidates to be store managers and all grade 12s are eligible for one of the marketing scholarships.

AP MICROECONOMICS 12 or AP MACROECONOMICS 12

This is a challenging course that gives students the opportunity to take TWO university level courses in high school. You learn the same theories and at the same depth as a first-year university student and possibly gain university credits. Students who successfully complete the examination in May with a minimum score of 4 on a 5-point scale may be granted university course credit. For more information, please check www.ap.ca and www.collegeboard.org. AP Microeconomics is offered in 2020 and Macroeconomics will be in Sept. 2021.



LEADERSHIP COURSES

LEADERSHIP 9/10

This course is designed for grade 9/10 students who are interested in developing leadership skills. Students will receive instruction in areas such as group dynamics, communication skills, organizational skills, problem solving and decision making. Students are expected to practice what is learned by organizing, implementing and evaluating student-oriented activities. Admission to the course is by application and interview.



LEADERSHIP 11/12

The course will focus on developing and practicing leadership skills. Emphasis will be on improving and developing decision-making, communication and organizational skills. The class will practice these leadership skills through the planning and management of student activities.

FIRST AID 11/12

This course is geared toward promoting and learning first aid techniques and providing a first aid service for the school. Components of the program include belonging to St. John Ambulance Division, participating in a 20-hour course and receiving a standard certificate. Students must make application to this course during the course selection process.

PEER TUTORING 11/12

This course provides the opportunity to learn practical tutoring teaching skills that can be used to assist classmates who need help with academic subjects. The Peer Tutoring Program is an integral component of the supportive learning services provided at Burnaby Central Secondary School. This course prepares and motivates students to provide assistance to individuals with a variety of academic needs. Peer tutors are matched with a student or group of students to facilitate academic support. Students will develop social responsibility while acquiring skills in communication and interpersonal relations. This course is suitable for mature, responsible students who are interested in working with students with various learning needs.

APPLICATIONS OF LEADERSHIP 11/12: MUSIC

This course is designed to give students the opportunity to develop their individual music and leadership skills. This course is for the mature, dedicated music student who wishes to expand their own leadership skills while working with younger musicians to improve their instrumental, vocal, and music composition abilities. Students must get permission from their music teacher before registering for this class, and they *must* be registered in at least one other music course.

APPLICATIONS OF LEADERSHIP 11: PHE

This course provides an opportunity for students to develop leadership and coaching skills by serving as teaching assistants and through organization of group activities and coordination of special athletic events within the school. Each P.E. 11 Leadership student is assigned to a P.E. 8 or 9 class.

APPLICATIONS OF LEADERSHIP 12: PHE

This course provides a further opportunity for students to develop leadership skills through a variety of experiences.



APPLICATIONS OF LEADERSHIP 11: TECHNOLOGY

If you are a motivated, self-starter interested in extended projects and applications not found in the regular curriculum then this is the course for you. This lab course includes the following core activities:

- Introduction to setting Linux
- Introduction to setting up peer to peer networks
- Introduction to setting up Novell networks
- Introduction to PC maintenance and troubleshooting
- Tutoring teachers and students with software problems
- Assisting with the general lab maintenance

In addition, students will complete a personal contract project for each of the two terms and specify the marking criteria. These projects can include Multimedia applications, Web pages, Programming, computer hardware, computer software exploration etc.

APPLICATIONS OF LEADERSHIP 12: TECHNOLOGY

This course continues the activities and projects from Technology Leadership 11. Students will spend some time expanding the core project activities started in grade 11 and to select two personalized, contract projects over the semester. Students will also be given an opportunity to complete the A+; MCP; CNA exams.

OFFICE ADMINISTRATION 11 & 12

This leadership course provides self-motivated students with an opportunity to learn and develop the interpersonal skills required to work as a modern administrative assistant. Individuals should be organized, reliable, and efficient. The knowledge you gain here will provide you with a foundation for entry into a wide variety of office careers. Some after school commitment (for workshops and training) is necessary, and the ability to work with teachers is a must.

ENGLISH LANGUAGE LEARNING

DEVELOPING ENGLISH STRATEGIES

Students will develop basic skills in reading, writing, listening and speaking through conversation, classroom expression, and with words and structures needed for communication. Initially students focus on familiar, concrete themes and connections to family and communities. This is a non-credit course.

DEVELOPING ENGLISH STRATEGIES FOR SOCIAL STUDIES

Cultural Studies explores the interaction of students and their communities. Students focus on familiar, concrete environments of family and communities. Emphasis is placed on scaffolding language to support critical thinking. Exploration of current events plays a key role in connecting immigrant students to their community. This is a non-credit course.



DEVELOPING ENGLISH STRATEGIES FOR SCIENCE

Students focus on topics that are concrete and familiar. Emphasis is placed on scaffolding language to support critical thinking. The major streams of life science, physical science, earth and space science are explored through essential questions: What is science? What is life and how is it sustained? What is energy and how is it transferred? What is matter and how does it behave? How are landforms created and how do they change? What is Earth's relationship to the universe? This is a non-credit course.



DEVELOPING ENGLISH STRATEGIES FOR CAREER LIFE

This course supports students in their curricular areas through the acquisition of the cultural and linguistic knowledge. Teachers use real life materials and situations to provide adequate context for students. Students will understand text features, comprehend basic content vocabulary, make predictions from text, and use words and phrases in social routines.

EXPANDING ENGLISH STRATEGIES

As students' linguistic abilities increase, topics extend to more abstract concepts that apply in both local and global communities. Emphasis is placed on scaffolding language to support critical thinking. A wide range of literary and factual genres including short stories, novels, poems and plays, biographies and expository writing are included to develop an understanding of how authors use language to communicate effectively with their intended audience. This is a non-credit course.

EXPANDING ENGLISH STRATEGIES FOR SOCIAL STUDIES

Topics in level 2 cultural studies extend to less familiar national and international communities. The major themes of society, politics and law, economy and technology and environment are explored through essential questions: What makes a good citizen? How does physical location affect what you can and cannot do? How do we get power? What is culture? This is a non-credit course.

EXPANDING ENGLISH STRATEGIES FOR SCIENCE

The purpose of level 2 science applications is to support literacy development for ELL students enrolled in regular science courses. Emphasis is placed on the development of all four language strands—listening, speaking, reading and writing. Teachers introduce or reinforce a literacy strategy or skill to inform practice and application to content. This is a non-credit course.

ENGLISH 10: LANGUAGE ADAPTED

While continuing to develop their proficiency in English, students will work towards meeting the outcomes of the English 10 curriculum. Students will develop a large vocabulary with which to express their ideas effectively and will be expected to write about and discuss literature in an increasingly critical and sophisticated manner.

SOCIALS 10: LANGUAGE ADAPTED

While developing their proficiency in English, this course acquaints students with Canadian geography, history, government, law, culture, customs and current events. In addition, it allows students to explore Canada's role in the global community. A wide range of strategies will be used to teach students how to access, comprehend and process information and communicate their understanding through writing and oral presentations.



ENGLISH

Burnaby Central's English Department offers a variety of language arts courses to help students understand and appreciate English language and literature. We offer both compulsory courses required for graduation and elective courses that allow students to deepen their study of literature and writing. All English courses in grades 8-12 are comprised of the same six strands: reading, writing, speaking, listening, viewing and representing. As students progress through each level, the course material will become more challenging, but the learning intentions stay the same.

Students will:

- Develop an appreciation for language and literature
- Make sense of literary texts and uncover the understandings that live within them
- Engage in meaningful, purposeful academic discussion
- Think critically, creatively, and reflectively
- Communicate their thinking with clarity and effectiveness
- Participate as responsible citizens in a digital age
- Construct a sense of personal and cultural identity and be respectful of a range of perspectives and world views.

ENGLISH 8

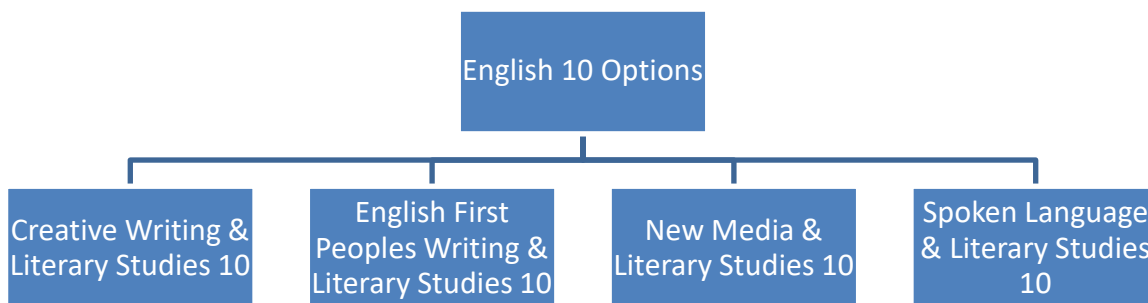
Students will read and study novels, short stories, and poetry. Drama, non-fiction and mythology may also be addressed. Writing will be approached as a process, with students becoming more familiar with the stages of writing as they apply these skills directly to the pieces of literature being studied. Group discussion and debate will also figure prominently as students learn to critically examine and reflect on their reading and writing.

ENGLISH 9

This course continues to enhance students' knowledge and appreciation of various genres of literature. Literature to be read may include short stories, poetry, drama, novels and non-fiction works. Students will continue to improve in the areas of critical thinking, writing (both academic and creative), research and speaking.

ENGLISH 10

The grade 10 English program allows students to choose a topic of study that interests them in conjunction with Literary Studies 10. Literary Studies 10 will allow students to explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Students will increase their literary skills through close reading and analysis to become educated global citizens and broaden their understanding of the themselves and the world.



CREATIVE WRITING & LITERARY STUDIES 10

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

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

- contemporary creative forms such as slam poetry, oratory, rap, drama, song, graphic novels
- creative non-fiction, historical fiction
- poetry, song lyrics
- multimodal creative forms that combine visual, written, and oral texts

ENGLISH FIRST PEOPLES WRITING & LITERARY STUDIES 10

This course is open to all students who are interested in exploring First People's literature in a variety of contexts, genres, and media. Students will have opportunities to explore personal and cultural identities, histories, memories, stories, and connections to land/place. This course is grounded in the understanding of how texts are historically and culturally constructed, and the exploration and application of writing processes.

The following are possible areas of focus within EFP Literary Studies and Writing 10:

- Thematic studies - (e.g. family, humour, connection to the land, resistance, belonging, identity).
- Community focused/locally developed texts
- Specific First Nations, Métis, or Inuit author study
- First People's children's literature and storytelling
- Writing for advocacy and writing for expression

NEW MEDIA & LITERARY STUDIES 10

New Media 10 is a course designed for students who are interested in learning about the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. Students will have an opportunity to demonstrate their understanding through a variety of digital and print media.

The following are possible areas of focus within New Media 10

- Media and film studies - e.g. globalization of the media industry, influence of media on users' perceptions, documentaries in the age of digital media, the rise of social media
- Journalism and publishing - e.g. citizen journalism, local journalism
- Digital communication - blogging, writing for the web/social media, podcasting

SPOKEN LANGUAGE & LITERARY STUDIES 10

Spoken language skills are increasingly necessary in everyday, educational, and professional contexts. Spoken Language 10 provides opportunities for students individually and collaboratively to study, create, and use language to produce original pieces in a variety of modes. The course will provide students with opportunities



for performance and public speaking. It will appeal to students who enjoy public performance/oral storytelling or those who want to gain more experience and skill in this area.

The following are possible areas of focus in Spoken Language 10:

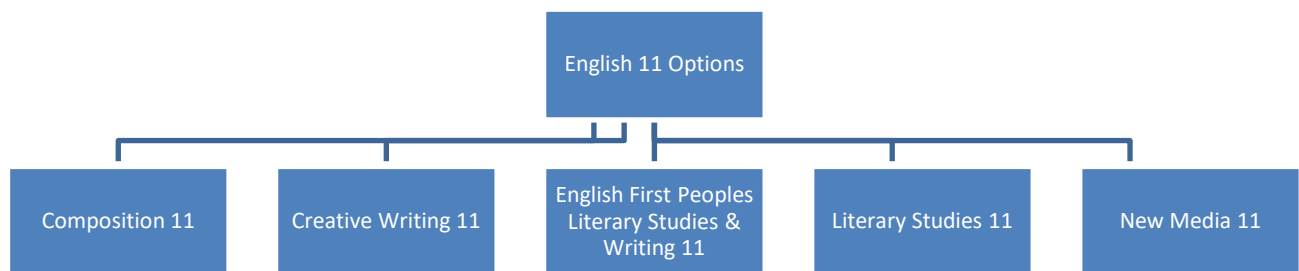
- Performance —spoken word/slam poetry, poetry recitation, oral storytelling, readers' theatre, radio/podcasts/video posts
- Professional Applications—speech writing/presenting, proposals, interviewing, radio/podcasts/video posts

ELL SPOKEN LANGUAGE & COMPOSTIOIN 10 (for English Language Learners only)

This course is specifically for ELL students who are transitioning out of ELL Level 2 into the regular academic English stream. Students will read a variety of text forms and have the opportunity to build on their communication skills (speaking and writing). They will receive specific English language instruction with an emphasis on understanding correct grammatical structures and improving the clarity and precision of their work.

ENGLISH 11

The grade 11 English program allows students to choose a topic of study that interests them. All strands will continue to develop and extend their knowledge and skills in reading, writing, speaking, listening, viewing, and representing.



COMPOSITION 11

This course is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. With increasing independence, students will study, create, and write original and authentic pieces for a range of purposes and real-world audiences.

The following are possible areas of focus within Composition 11:

- Narrative, expository, descriptive, persuasive, and opinion pieces
- Planning, drafting, and editing processes
- Writing for specific audiences and specific disciplines
- How to cite sources, consider the credibility of evidence, and evaluate the quality and reliability of the source

CREATIVE WRITING 11

This course is designed for students who are interested in developing confidence and refining their writing skills through self-expression for various creative purposes. Students will have in-depth opportunities to



explore personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community, students will collaborate and strengthen their skills through writing and design processes.

The following are possible areas of focus within Creative Writing 11:

- Short fiction and poetry - e.g. flash fiction, twitterature, children's literature, sci-fi, drama/script writing, fantasy, suspense
- Creative non-fiction - e.g. columns, articles, reporting, interviews, reviews (fashion/movie), advertising
- Memoir - narrative, film

ENGLISH FIRST PEOPLES LITERARY STUDIES & WRITING 11

EFP Literary Studies and Writing 11 is designed for students who are interested in studying First Peoples literature and using writing for self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own writing. Within a supportive community, students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. Through the study of literature and the processes of experimenting with, reflecting on, extending, and refining their writing, students:

- extend their capacity to communicate effectively in a variety of contexts
- deepen their understanding of themselves and the world
- expand their understanding of what it means to be educated Canadian and global citizens

LITERARY STUDIES 11

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

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

The following are possible areas of focus within Literary Studies 11:

- Genre-specific studies (poetry, short stories, novels, drama, graphic novels, children's literature)
- Canadian literature and First Peoples texts
- Specific author studies or studies by theme/inquiry, era (e.g. Romantic, Victorian, 20th Century)
- World literature, feminist literature, diasporic literature

NEW MEDIA 11

This course is designed for students who are interested in learning about the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. Students will have an opportunity to demonstrate their understanding through a variety of digital and print media. Compared with New Media 10, New Media 11 features tasks and texts of greater complexity and sophistication. The course will extend the depth and breadth of topics and activities offered in New Media 10.

The following are possible areas of focus within New Media 11:



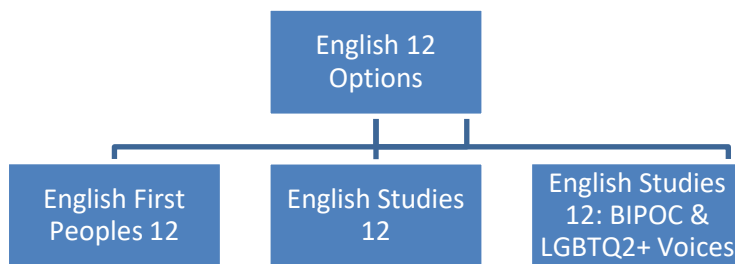
- Media and film studies - e.g. globalization of the media industry, influence of media on users' perceptions, documentaries in the age of digital media
- Journalism and publishing - e.g. changing roles and structures within news organizations, risks/challenges/opportunities associated with professional journalism
- Digital communication - blogging, writing for the web/social media, podcasting

CULTURAL EMPOWERMENT THROUGH LANGUAGE 11 (Elective-For ELL Students Only)

This elective course is designed for level 3 and 4 ELL students who want additional support and practice with their literacy skills beyond their required English course. The course is designed to build students' skills and confidence in academic tasks across the curriculum and enhance their ability to apply their growing range of strategies. Students will read a variety of text forms and have the opportunity to build on their reading, writing, listening, and speaking skills. In addition, students will gain awareness of their own identity and cultural contributions to Canadian culture and society by using more complex vocabulary and sentence forms

ENGLISH 12

The grade 12 English program allows students to choose a topic of study that interests them. All three of the choices build on and extend students' previous learning experience in English Language Arts courses in grades 8 – 11.



ENGLISH FIRST PEOPLES 12

This course is grounded in the First Peoples Principles of Learning. It is designed for all students, Aboriginal and non-Aboriginal, who are interested in delving deeply into First Peoples oral and written literature and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, poetry, song, performance, film, and prose. A key feature of the course is its focus on authentic First Peoples voices (i.e., historical or contemporary texts created by or with First Peoples). In EFP 12, all students:

- examine texts grounded in a diversity of First Peoples cultures, including local First Nations or Métis communities
- extend their capacity to communicate effectively in a variety of contexts
- think critically and creatively about the uses of language
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that have shaped and continue to shape their own identities
- appreciate the importance of self-representation through authentic First Peoples texts
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understanding of what it means to be educated Canadian and global citizens

While the focus in EFP 12 is primarily on First Peoples voices from British Columbia, students also engage with texts that reflect First Peoples perspectives from elsewhere in Canada and throughout the world.



ENGLISH STUDIES 12

English Studies 12 is designed for all students and provides them with opportunities to:

- refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals
- think critically and creatively about the uses of language
- explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that shape identity
- appreciate the importance of self-representation through text
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understanding of what it means to be educated Canadian and global citizens

ENGLISH STUDIES 12: BIPOC AND LGBTQ2+ VOICES

“English Studies 12: BIPOC and LGBTQ2+ Voices” will allow students to explore diverse, intersectional topics in literature while gaining credit for English 12. Through the lens of the First People’s Principles of Learning and Social Justice, this course will examine specific curriculum for students to explore race, gender identity, and sexual orientation as told by authentic Black, Indigenous, People of Colour, and LGBTQ2+ voices through memoirs, short stories and essays, documentaries, podcasts, art, music, and poetry. Students will actively engage in open dialogue about readings/topics to demonstrate empathetic understandings of storytelling. Students will learn how to write from experience while also studying technical academic and literary analysis writing.

Students will have the opportunity to:

- appreciate the importance of self-representation through text
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that shape identity
- expand their understanding of what it means to be an educated global citizen
- explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews
- refine their ability to communicate effectively in a variety of contexts and genres

AP ENGLISH LITERATURE AND COMPOSITION

Please note that this course is different from the elective Literary Studies 12. Students who take AP English 12 will also receive credit for English Studies 12, a graduation requirement.

The focus of this course is on prose and poetry written in the 19th-21st centuries. Students in this course are expected to fulfill the expectations for English 12 (including writing the provincial exam) and will also be given opportunities to go beyond these requirements. Students will be required to evaluate literature at a greater depth, produce higher caliber writing and read at a more challenging pace. They will have the option of writing the AP exam in May. If a student scores high enough on the exam, they will receive first year post secondary credit for the course (depending on the post secondary institution). Students are strongly encouraged to take the Literary Studies 12: English Literature Through The Ages elective in grades 11 or 12 as a prerequisite course in order to be better prepared for the AP exam.



English 12 Elective Courses:

LITERARY STUDIES 12: ENGLISH LITERATURE THROUGH THE AGES

This elective course explores the origins of the greatest literature in English from Beowulf (circa 900) to the end of the 20th century. Students will study the tales of heroes and villains, and poetry and plays that have stood the test of time. The course encompasses a range of voices throughout history that have contributed to the development of our English literary heritage. Interest in literature, history and discussion will be nurtured and analytical skills will be enhanced. This course is a great introduction for those interested in pursuing a university arts degree, or for those who simply have a love of stories and language. This elective can also be taken in grade 11 and is strongly recommended for students who are planning to take English 12 Advanced Placement.

COMPOSITION 12: ACADEMIC READING AND WRITING

This elective course is designed for Grade 11 and 12 students who are planning to go directly to university and need to learn how to write university-level term papers for all subject areas. Work in this course will bridge the gap between high school level English and the reading and writing expectations of college and university. Students will read and study exemplary compositions by other writers and be exposed to a variety of styles as models for the development of their writing. There will be a focus on college-style writing, including critical summaries, annotated bibliographies, analytical essays, and research papers. Strategies designed to improve higher-level reading skills will also be taught, as will proper research methods, vocabulary development strategies and many other skills that will help foster success at the post-secondary level.

SOCIAL STUDIES

SOCIAL STUDIES 8

Social Studies 8 is an overview of the period from 600-1750CE, where students research and analyze how societies form, interact, and change over time. Students explore how factors such as contact and conflict, human and physical geography, and major shifts in culture influence social and political structures. Students examine how the practices of exploration, expansion and colonization have varying consequences for different groups. Social Studies 8 is grounded in the historical thinking skills that are used to examine history at the high school level and beyond. On completion of Social Studies 8, students are well on their way to becoming historians, ready to engage with, and create history.



SOCIAL STUDIES 9

Social Studies 9 is an overview of the period between 1750-1919. In this course, students will develop their critical thinking skills and analyze how people and nations around the world have been influenced by ideas, the environment, power, and identity. Students will explore how emerging ideas and ideologies profoundly influence societies and events, how physical environments influences the nature of political, social, and economic change, how disparities and power alter the balance of relationships between individuals and between society, and how collective identity is constructed and can change over time. As in Socials 8, an emphasis will be placed on the study of First Nations Peoples.

SOCIAL STUDIES 10

The overarching goal of Social Studies 10 is to develop thoughtful, responsible, and active citizens, who are able to gather, interpret, and analyze information from a variety of sources and to understand multiple perspectives, differing worldviews, and what is important to know about the past. Students will cultivate their ability to make reasoned ethical judgements about actions in the past and present, and to determine appropriate ways to remember and respond.



Social Studies 10 can be broadly described as the history of Canada and the world, from 1914 to the present. Students will be provided the opportunity to examine historical and contemporary social, cultural, political, legal, economic, and environmental issues. There will be a focus on the development, structure, and function of Canadian and other political institutions, including First Peoples governance. Central themes include discriminatory policies and injustices in Canada and the world, as well as international conflicts such as WWI, WWII, and the Cold War. The course also examines Canadian autonomy and changing perceptions of identity in Canada.

SOCIAL STUDIES 11 EXPLORATIONS

This is a survey course intended to introduce three areas of study – introducing students to political studies and current global trends, historical inquiry and ethical assessment, and geographical awareness in an ever-changing global climate. The course will emphasize inquiry-based learning and research. For further info please visit the ministry website below. This course counts towards graduation credits.

20th CENTURY WORLD HISTORY 12

This course may be taught through the lens of espionage; it can be argued that spies are the writers of history. The cataclysmic events of the 20th century were driven by ideology. World War One, for example, was the triumph of liberalism and nationalism over conservatism, monarchism, and imperialism in Europe. In 1917 a Marxist revolution toppled three hundred years of Romanov rule in Russia. Unregulated capitalism in the 1920s followed by a shattering global economic collapse in the 1930s, led to the rise of fascism in Italy, Spain, Germany, and was a significant factor in the rise of militarism in Imperial Japan. Liberalism defeated fascism in World War Two, but only after Hiroshima and Nagasaki. War weary European nations could not stem the tide of nationalism in Asia and Africa during the post war period. Ideology defined the Cold War (1946 - 1991) as competing superpowers, the Soviet Union and the United States, struggled for supremacy through militarism, propaganda, and proxy wars in Asia. The century closes with the rise of global Islamic terrorism.

GLOBAL AND INTERCULTURAL STUDIES 12

While multiculturalism refers to different cultures co-existing with each other, interculturalism is about how to understand and interact with people who have different backgrounds and worldviews. With more jobs than ever operating on a global level and immigration representing more than 70% of Canada's population growth, it has never been more important for inclusivity and understanding other cultures. The goal of this class is to help students become more able to live in and understand a globalized world, to resist stereotypical thinking, and to recognize and challenge imbalances of power and inequity. Students will reflect on the sources of their own values, examine globalization and our changing economy, practice cross-cultural communication, and conduct in-depth cultural research.

HUMAN GEOGRAPHY 12

This course examines the ways humans depend on, modify, or adapt to their environments. This is examined through topics such as immigration, industrialization, globalization, agricultural practices, and environmental issues. Students will also examine changing demographics of regions and develop an understanding of how interculturalism allows for cross-cultural communication. While geographic concepts such as oceanography and geology are present, the primary focus is on the issues faced and created by humans. This course can be used for university entrance.

LAW STUDIES 12

Human rights and freedoms intersecting with the criminal justice system lays the foundation of this course. Focusing on some of the most controversial cases over the last few decades, students will learn how to analyze the elements of the case for the prosecution as well as for the defense. The Youth Criminal Justice Act and the Canadian Criminal Code will be examined in depth against the backdrop of the Charter of Rights and



Freedoms. The highlight is a field trip to watch criminal and civil trials at the BC Supreme Court. This course can be used for university entrance.

PHILOSOPHY 12

Philosophy examines the fundamental nature of knowledge, reality, and existence. Philosophy seeks to answer difficult questions and focuses on the following: Logic: how to construct a rational and compelling argument and use logic to find answers to difficult questions. Metaphysics (the nature of reality): How do we understand our reality? Is there a god? Do we have free will? Epistemology (the nature of knowledge): What is knowledge? How is belief different than knowledge? Ethics: How should people act- is there a true right and wrong way to behave? Are morals natural, or socially constructed? If you like discussion, creating arguments, and pondering life's biggest questions, philosophy is for you. This course can be used for university entrance.

PSYCHOLOGY 12

This course introduces human behaviour and basic psychological concepts and enables students to put them into practice. The areas studied include the biological basis of behaviour, as well as human development and social psychology (personality, abnormal behaviour, treatments, etc.) This is a course on human behaviour and basic concepts in modern psychology. The course covers the five major psychological domains: methods, biopsychological, cognitive, developmental, and socio-economic domain. The course is designed for students who have an interest in psychology and are curious to learn how and why people think and act the way they do. This course also acts as an excellent foundation course for AP Psych. This course cannot be used for university entrance but is a graduation credit course.

SOCIAL JUSTICE 12

In Social Justice 12 you will be examining how basic human rights and social values are upheld and distributed in Canada and around the world. In this course you will have the opportunity to challenge the status quo and examine how issues such as racism, poverty, sexism, homophobia, and globalization manifest within societal structures. In an increasingly complex and interconnected world, the ability to apply critical thinking and ethical reasoning skills to a variety of social justice issues is crucial and is the cornerstone of this course. Students will examine their own privileges, values, and beliefs, as well as investigate methods to effect positive change in the world. Thoughtful, open and informed class discussion and engagement are highly valued and important to the success of each student's learning experience. This course can be used for university entrance.

AP HUMAN GEOGRAPHY **Coming 2022/2023**

AP Human Geography is designed to introduce students to the systemic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

AP PSYCHOLOGY **Coming 2022/2023**

This course will introduce students to the systematic and scientific study of behaviour and mental processes of humans. Students will be exposed to psychological facts, principals, and phenomenon associated with each of the sub fields in psychology. Topics addressed: Social Psych, The Brain, Personality, Learning, Intelligence etc. Students should be fully aware of the heavy content of this course and the academic challenge of a six credit university level course. The content of this course supports a broad range of study/career paths including business, law, education, and health studies. The final exam in May is optional but strongly recommended. Students are awarded 6 university credits upon successful completion of the AP exam. This course counts as both a graduation credit as well as can be used for university entrance.



MATHEMATICS

Students can meet the Mathematics graduation requirements through one of the pathways described below. All pathways are designed to provide students with mathematical understanding and critical thinking skills. It is the choice of topics through which those skills are developed that varies among the pathways.

*There is a new graduation requirement as Provincial Exams have been removed. Students will be required to write a *numeracy assessment* before graduation. This may be written as early as grade 10, and as late as grade 12.

Make sure the pathway you've selected satisfies any Post-Secondary entrance requirements for that specific program.

Workplace Mathematics Pathway (Grades 10 – 11)

This pathway 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 conversions, measurement, trigonometry, and financial literacy.

Pre-Calculus Mathematics Pathway (Grades 10 – 12)

This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include algebra and number, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem. This pathway is intended for students who may wish to pursue mathematical-related studies at the post-secondary level and prepares students for the study of Calculus.

Foundations Mathematics Pathway (Grades 10 – 12)

This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs in the arts or the humanities. Topics include algebra and number, measurement, relations and functions, trigonometry, logic and reasoning, and financial literacy. This pathway **will not** prepare students for university calculus.

MATHEMATICS 8

Foundations of Math 8 is the first course in secondary school Mathematics. The units studied include number concepts and operations, patterns and relations, variables and equations, shape and space, statistics and probability, and financial literacy. The curriculum focuses on curricular competencies that include reasoning and analyzing, connecting and reflecting, communicating and representing, and understanding and solving.

MATHEMATICS 9

This course is designed to consolidate and extend topics introduced in Mathematics 8. Topics include operations with rational numbers, square roots and exponents, polynomials and algebra, linear relations, geometry and statistics, and financial literacy. At the end of this course, students will be prepared for Foundations and Pre-Calculus 10 OR Apprenticeship and Workplace Mathematics 10. Teachers may provide a recommendation to students at the end of this course as to which Mathematics 10 course would be best suited for them.



FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 10

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for post secondary studies in both the arts and the sciences. Topics include applying trigonometric ratios to the right triangles, prime factorization, operations with powers, polynomials, functions and relations, systems of linear equations, arithmetic sequences, and financial literacy. At the end of this course, students are prepared for Foundations of Mathematics 11 and Pre-Calculus 11, or Workplace 11.

FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 10 ENRICHED

A continuation of the Mathematics 9 Enriched course, this course leads to Foundations of Math 11 or Pre-Calculus 11. Teacher recommendation and participation in math contests will be taken into consideration for acceptance in Math Enriched classes.

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, conversions, measurement of 2-D and 3-D objects, geometry and trigonometry, and the fundamentals of income, spending and debt. At the end of this course, students are prepared for Workplace 11.

PRE-CALCULUS 11

This course is designed for VERY STRONG students who are going into programs which require students to take theoretical calculus in university (for example, Sciences, Engineering, or Business). This course is accepted for entrance to many post-secondary institutions*. This course explores functions and relations, algebra, and trigonometry in depth to prepare students for Calculus. This course will lead to Pre-Calculus Mathematics 12.

FOUNDATIONS OF MATHEMATICS 11

This course is designed to provide students with mathematical understandings and critical thinking skills identified for post-secondary studies in the arts or humanities. Topics include logic and reasoning, functions, geometry, and statistics. Although the course explores many abstract concepts including algebra, it will not prepare you for university calculus*. Students who successfully master the learning outcomes of this course may choose to continue to Foundations of Mathematics 12.

WORKPLACE MATHEMATICS 11

The emphasis in this course is on consumer mathematics. Topics include measurement, geometry, data analysis, probability and statistics, formulae, and budgeting. This course will prepare students for the majority of trades and for direct entry into the work force.

COMPUTER SCIENCE 11

Technology is becoming one of the most important skills for 21st century job seekers. In this introductory computer science course, students will explore basic computer programming concepts, applying logical statements, modelling mathematical problems, and applying computational thinking to solve problems. Students will learn to code in Python, a widely used programming language in web development and app building, to create their own programs. This course does not require a prerequisite and is suitable for both beginner and intermediate computer users. It is strongly recommended that students have completed a grade 10 level mathematics course prior to the start of this course. It is highly recommended students take this course prior to taking AP Computer Science A.



PRE-CALCULUS 12

This is a higher level of Mathematics which is required for entrance into many university-level programs* and prepares students for the study of calculus. Students will build on the concepts learned in Pre-Calculus 11 and will spend more time developing their knowledge of algebra, graphing, and the more formal generalizations of mathematics concepts.

FOUNDATIONS OF MATHEMATICS 12

The practical focus of the Foundations of Mathematics 12 pathway is designed to enable students to develop their mathematical knowledge, skills, and attitudes in the context of their lives and possible careers. There is increased emphasis on concrete activities and modelling, and decreased emphasis on symbol manipulation (algebra). The Foundations pathway begins in grade 10.

STATISTICS 12 (NEW!)

In Statistics 12, we learn the integral role of statistics in research, decision making, and policy in society. Specific topics include formulating research questions, planning statistical studies, utilizing analysis and inference, and communicating statistical findings effectively. Students should have completed Foundations and Precalculus 10 prior to enrolling in this course.

GEOMETRY 12 (NEW!)

This mathematics course is an elective course. Students will conjecture, investigate, and discover properties and relations in geometry. This course covers geometric constructions, circle geometry, isometries and non-isometric transformations, non-Euclidean geometry, and more. Students will also look at the history of geometry across cultures and time.

CALCULUS 12

Calculus will introduce the student to the fundamentals of differentiation and limits, along with applications. Topics include graphing, maxima and minima, related rates, areas, and exponential functions. This course is a good introduction to university level calculus. An AP Calculus course is also available, at the culmination of which students may write an exam in May for university credit. Students who enroll in AP Calculus AB must also enroll in Calculus 12.

AP CALCULUS

AP Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course emphasizes a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically, and verbally. Students who enroll in AP Calculus AB must also enroll in Calculus 12.

AP COMPUTER SCIENCE A

AP Computer Science A is an introductory college-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code. They will explore concepts like modularity, variables and control structures. The emphasis of the course is object-oriented programming and designing using the Java programming language.

AP STATISTICS

In AP Statistics, we learn to examine raw data, graphs, charts, rates, percentages, probabilities, averages, forecasts, and trend lines- major concepts and tools used collecting, analyzing and drawing conclusions from data.



SCIENCE

SCIENCE 8

As students investigate cells, atomic theory, light, and plate tectonics they will increase their understanding of the Scientific Method and our natural world. Communication, critical and creative thinking, personal awareness, and social responsibility are skills that will be developed throughout the year. Students will also be provided with the opportunity to develop the processes, attitudes, and scientific habits of mind that allow them to pursue their own inquiries. The big ideas as developed by the Ministry of Education are as follows:

SCIENCE 9

As students investigate reproductive strategies, the periodic table, electricity, and ecosystems, they will increase their understanding of the Scientific Method and our natural world. Communication, critical and creative thinking, personal awareness, and social responsibility are skills that will be developed throughout the year. Students will also be provided with the opportunity to develop the processes, attitudes, and scientific habits of mind that allow them to pursue their own inquiries. The big ideas as developed by the Ministry of education are as follows:

SCIENCE 10

Science 10 topics include genetic diversity and patterns of inheritance, chemical processes and energy transformations, as well as the formation of the universe. Using critical thinking, creative insight, and their current scientific knowledge, students will be provided with opportunities to collaborate, investigate, problem solve, communicate, innovate, discover and increase their understanding of science through hands-on experience. The big ideas as developed by the Ministry of education are as follows:

SCIENCE 10 ENRICHED

The purpose of Science 10 Enriched is to provide enrichment for students who excel in Science. The intent of this course is to develop concepts at a deeper level than the Science 10 course. There is an expectation that students will be able to take on self-directed study in science areas that interest them. Proficiency in technology is required. Students are expected to be high achieving, highly motivated, and have a love for science. For admission to this course, student should select Science 10 Enriched during course selection and then speak to their Science 9 teacher for a recommendation. Admission is at the discretion of the Science Department.

ASTRONOMY 11

Have you ever looked up and caught yourself staring off into the night sky? Have you wondered what else is out there beyond the horizon? Are you fascinated with the cosmos? This will be an introductory course on the history of astronomy and our solar system. Students will discuss a variety of topics from ancient astronomy up to modern day developments in the field. Detailed course topics include: ancient astronomy; formation and evolution of the solar system; the planets, stars, moons, sun and minor members of the solar system; working with telescopes and observing the night sky; and space exploration. Some evening field trips to observe the night sky will be required. Please note that this course is a science elective. It does not satisfy the science graduation requirement.

LIFE SCIENCES 11 (Biology 11)

Students are introduced to important biological themes of biodiversity, evolution, and classification. Interactions at the molecular and cellular levels are explored. Life Sciences 11 uses lab activities to study the increasing complexity of life forms of viruses and bacterium, fungi, and then on to higher plants and animals. Students investigate how different organisms change over time and fulfill their life functions, for example, exchanging materials, responding to the environment, and reproduction. This course teaches fundamental



concepts, laboratory skills, and themes needed in future biology courses, in both the high school and post-secondary setting. Supplemental field trip to the Vancouver Aquarium wet-lab may occur at the discretion of the teacher.

LIFE SCIENCES 11 AP Transitions (1st part of AP Biology)

Part one (of three) of the AP Biology program is designed to cover the curriculum for Life Sciences 11 (see below) as well as infuse AP Biology curriculum throughout the year with a deeper focus on Heredity, Genetic Relationships, and Evolutionary Theory. A more lab focused and challenging course, recommendation from a Science 10 teacher is required.

Students are introduced to important biological themes of biodiversity, evolution, and classification. Interactions at the molecular and cellular levels are explored. Life Sciences 11 uses lab activities to study the increasing complexity of life forms of viruses and bacterium, fungi, and then on to higher plants and animals. Students investigate how different organisms change over time and fulfill their life functions, for example, exchanging materials, responding to the environment, and reproduction. This course teaches fundamental concepts, laboratory skills, and themes needed in future biology courses, in both the high school and post-secondary setting. Supplemental field trip to the Vancouver Aquarium wet-lab may occur at the discretion of the teacher.

CHEMISTRY 11

Chemistry 11 is a course designed to introduce the main ideas, principles and verifying concepts in chemistry, and provide a basis for Chemistry 12 and post-secondary entrance. Skills learned in Mathematics 10 are critical to success in Chemistry 11. Topics include: uncertainty in measurement, writing chemical formulae and balancing equations, the mole concept and Avogadro's Number, problems using balanced equations, solutions and ions, molarity, electron configurations, bonding, and organic chemistry.

PHYSICS 11

This is an introductory course which covers the main ideas, principles, and unifying concepts in physics; to develop an understanding of the analytical and experimental methods of inquiry used in science; and to promote an understanding of how physics applies to everyday life.

Physics 11 is recommended especially for students who plan to study pure sciences or engineering related technology but is also appropriate for humanities-oriented students. Topics include: kinematics, dynamics, energy (electrical, mechanical, and heat), and the transmission of energy (waves and photons). Students should take Math 11 prior to or concurrent with Physics 11. A minimum C+ average in Science 10 is strongly recommended.

SCIENCE FOR CITIZENS 11

This is a survey course that explores how scientific processes and knowledge inform our decisions and impact our daily lives. Scientific knowledge can be used to develop procedures, techniques, and technologies that have implications for places of employment. Scientific understanding enables humans to respond and adapt to changes locally and globally.

ANATOMY AND PHYSIOLOGY 12 (Biology 12)

Biochemistry and cellular mechanics form the basis of study for the first half of this academic course. Human physiology becomes the focus for the remainder of the year. An understanding of the organization of human systems and the integrated nature of the human body will be emphasized. Genomics and the importance of emerging DNA technologies may be explored. The effects of nutrition, lifestyle, and different medical conditions on homeostasis and health will be considered. Prior completion of Biology 11 and Chemistry 11 is strongly recommended.



ANATOMY & PHYSIOLOGY 12 AP Transitions (2nd part of AP Biology)

Part two (of three) of the AP Biology program studies how biochemistry and cellular mechanics form the basis of study. Genomics and the importance of emerging DNA technologies such as cloning and recombinant DNA will be explored. Human physiology becomes the focus for the remainder of the course. An understanding of the organization of human systems and the integrated nature of the human body will be emphasized. The effects of nutrition, lifestyle, and different medical conditions on homeostasis and health will be considered.

AP BIOLOGY 12 (3rd part of AP Biology)

Part three (of three) of the program prepares students for the AP exam in May as well as covers topics that require more depth from both Life Sciences 11 as well as Anatomy & Physiology 12.

The AP Biology program prepares students for the Biology College Board Advanced Placement Exam. Successful completion of this program includes credit for Life Sciences 11, Anatomy and Physiology 12 as well as AP Biology. After showing themselves to be qualified on the AP Exam (graded on a 5-point scale), some students, in their first year of college, are permitted to take upper-level courses in biology or register for courses that have biology as a pre-requisite. This program requires a commitment of three semesters/quarters for successful completion.

CHEMISTRY 12

This course further develops on concepts introduced in Chemistry 11 with an emphasis on reaction rates, reaction and solubility equilibrium, acid-base chemistry, and redox reactions. Math 12 should be taken concurrently or prior. A minimum C+ average in Chemistry 11 is strongly recommended. A good knowledge of stoichiometry and solution chemistry from Chemistry 11 is required for success.

PHYSICS 12

This course further develops on the concepts learned in Physics 11 with emphasis on mechanics and electromagnetism. This course helps develop analytical, experimental and problem-solving skills. It also helps students appreciate the role and applications of physics in our technological and cultural development. A minimum C+ average in Physics 11 is strongly recommended. Math 12 should be taken concurrently or prior. Topics include vector mechanics in 2 dimensions, equilibrium, momentum, energy, circular motion, gravitation, and electromagnetism.

LANGUAGES

FRENCH 8

French 8 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. It introduces French with an emphasis on communication rather than language accuracy. Topics explored range from describing oneself and others, to discussing the world around us. Cultural content is integrated and explored throughout. Students engage in reading, writing, speaking and listening activities.

FRENCH 9

French 9 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. It develops language skills with an emphasis on communication rather than language accuracy. Topics explored range from La Francophonie to sports, music and pop culture. Cultural content is integrated and explored throughout. Students engage in reading, writing, speaking and listening activities.



FRENCH 10

French 10 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. It further develops language skills with a greater emphasis on language accuracy. Topics explored range from traveling in a French speaking country to art, folklore, career interests and the environment. Cultural content is integrated and explored throughout. Students engage in reading, writing, speaking and listening activities.

FRENCH 11

French 11 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. It advances language skills through greater emphasis on language accuracy and critical thinking. Topics range from household activities to health and nutrition, and technology. Cultural content is integrated and explored throughout. Students engage in reading, writing, speaking and listening activities. This course meets the entrance requirements for university.

FRENCH 12

French 12 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. It continues to extend language skills through a deeper emphasis on language accuracy and critical thinking. Topics explored range from personal relations to city life, media influences, science and technology. Cultural content is integrated and explored throughout. Students engage in reading, writing, speaking and listening activities.

AP FRENCH LANGUAGE AND CULTURE Pre-requisite: French 11 with at least 80% and G work habit or teacher recommendation

Course Overview: The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Course themes:

The AP French Language and Culture course is structured around six themes:

Beauty and Aesthetics

Contemporary Life

Families and Communities

Global Challenges

Personal and Public Identities

Science and Technology

Themes facilitate the integration of language, content, and culture and promote the use of the language in a variety of contexts. The themes may be combined, as they are interrelated. For more information:

<https://apstudent.collegeboard.org/apcourse/ap-french-language- and-culture>



SPANISH 9

Spanish 9 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. This is an introductory course that focuses on all four aspects of language learning: listening, speaking, reading, and writing. Topics range from describing oneself and others, to expressing likes and dislikes, and sharing personal information related to one's place in the world. Cultural content is integrated and explored through video, music, stories, etc.

SPANISH 10

Spanish 10 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. This course explores intermediate aspects of the Spanish language to further develop students' skills in listening, speaking, reading, and writing. Topics explored range from daily activities, to city life, and discussing pastimes and sports. Cultural content is integrated and explored through video, music, stories, etc.

INTRODUCTORY SPANISH 11

Introductory Spanish 11 is an accelerated course that covers Spanish 9 and Spanish 10. Although this course is for beginners, students are expected to gain proficiency in listening, speaking, reading, and writing within a short period of time. Topics range from describing people and places to expressing personal preferences and discussing hobbies and interests. Cultural content is integrated and explored through video, music, stories, etc. This course meets the entrance requirements for some universities.

SPANISH 11

Spanish 11 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. This course continues to advance students' skills in listening, speaking, reading, and writing. Some themes explored in this program are travel and leisure, art, news mediums, food, childhood experiences, family celebrations, and health and fitness. Cultural content is integrated and explored through video, music, stories, etc. through video, music, stories, etc. This course meets the entrance requirements for university.

SPANISH 12

Spanish 12 brings together a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. This course builds upon previous knowledge of Spanish, extending listening, speaking, reading and writing skills. Topics explored range from travel and shopping, to nature and the environment, as well as discussing future plans. Cultural content is integrated and explored through video, music, stories, etc.

JAPANESE 9

Japanese 9 is an introductory course designed to help students with little to no Japanese knowledge develop basic speaking, listening, reading, and writing skills in Japanese. Students will be introduced to the main phonetic script, hiragana. Students will be able to have basic conversations and write simple sentences. Japanese culture and social dynamics will be emphasized through topics such as social niceties and talking about personal information such as family, hobbies, likes and dislikes, and daily activities.

JAPANESE 10

Japanese 10 is designed to help students develop basic speaking, listening, reading, and writing skills in Japanese. Students will be introduced to the two phonetic scripts, hiragana and katakana, and to elementary kanji, which are Chinese characters imported by the Japanese over 1500 years ago. Japanese culture and social dynamics will be emphasized through topics such as social niceties, getting around, ordering and talking about food, and talking about personal information such as family, hobbies, likes and dislikes, and daily activities.



INTRODUCTORY JAPANESE 11

Introductory Japanese 11 is an accelerated course that covers Japanese 9 and Japanese 10. This course is designed to help students develop basic speaking, listening, reading, and writing skills in Japanese. Students will be introduced to the two phonetic scripts, hiragana and katakana, and to elementary kanji, which are Chinese characters imported by the Japanese over 1500 years ago. Japanese culture and social dynamics will be emphasized through topics such as social niceties, getting around, ordering and talking about food, and talking about personal information such as family, hobbies, likes and dislikes, and daily activities.

JAPANESE 11

In Japanese 11, students will be expected to express themselves using more complex conversational and written skills. They will be introduced in a more methodical way to grammar and vocabulary in the context of overarching topics. These include holidays, shopping, school life, asking and giving directions, food and cooking, the seasons and weather, and describing people and their clothing. Students will engage in a great deal of practical conversation in the classroom. More kanji will also be introduced in context, and students will begin to write formal essays in Japanese.

JAPANESE 12

Japanese 12 puts great emphasis on learning about Japan itself: Japanese houses, geography, festivals, customs, weather, history, and culture. Students will express themselves through advanced conversational and grammatical skills through culturally informative projects, oral presentations and essays. Students will also continue to learn more kanji. By the end of the course, students will be able to feel confident traveling in Japan and interacting with Japanese people.

MANADRIN 9

This course is intended for students with little or no Chinese language background. Students will be introduced to the basic skills of oral and written communication using simplified Chinese characters and Hanyu Pinyin phonetic spelling system. Students are expected to have a vocabulary base of 150 characters by the end of the course. Students will also gain an exposure of different aspects of Chinese culture through activities such as field trips, guest lectures and workshops. This course is not suitable for native speaking students.

MANADRIN 10 Pre-requisite: Mandarin 9 or a placement interview

This course is a continuation of Mandarin 9. Students will further develop communication skills in Mandarin Chinese and are expected to have a vocabulary base of 300 characters by the end of the course. Cultural activities such as field trips, guest lectures and workshops will be integrated throughout the course. This course is not suitable for native speaking students.

INTRODUCTORY MANDARIN 11

This is an intensive introductory course that provides students with the basic knowledge of the Mandarin Chinese language and culture. Students will be introduced to the basic skills of oral and written communication using simplified Chinese characters and Hanyu Pinyin phonetic spelling system. Students are expected to have a vocabulary base of 250 characters by the end of the course. Students will also gain an exposure of different aspects of Chinese culture through activities such as field trips, guest lectures and workshops. This course is not suitable for native speaking students.

MANDARIN 11 Pre-requisite: Mandarin 10 or a placement interview

This course is a continuation of Mandarin 10. Students will further develop communication skills in Mandarin Chinese and are expected to have a vocabulary base of 450 characters by the end of the course. Cultural activities such as field trips, guest lectures and workshops will be integrated throughout the course. This course is not suitable for native speaking students.



MANDARIN 12 Pre-requisite: Mandarin 11 or a placement interview

This course is a continuation of Mandarin 11. Students will further develop communication skills in Mandarin Chinese and are expected to have a vocabulary base of 600 characters by the end of the course. Students will also be able to write compositions of about 120 characters in length. In addition, students will be introduced to Chinese idiomatic expressions and authentic materials such as Chinese newspapers. Cultural activities such as field trips, guest lectures and workshops will be integrated throughout the course. This course is not suitable for native speaking students.

AP CHINESE LANGUAGE AND CULTURE Pre-requisites: Mandarin 12 or a placement interview, English 10 or ELL Level 2

This an advanced level Mandarin Chinese course, intended for students who are in their fourth or fifth year of language study, or students with equivalent experience with the Chinese language. Students will develop their Chinese proficiency across the three communicative modes (Interpersonal, Interpretive, and Presentational) and the five goal areas (Communication, Cultures, Connections, Comparisons, and Communities), which align with the Standards for Foreign Language Learning by the ACTFL (American Council on the Teaching of Foreign Languages). Chinese culture and social issues are explored in greater depth. Students are expected to write the electronic AP examination held in May.

For more details, please see the official AP College Board web site: <http://apcentral.collegeboard.com/>

INTRODUCTORY AMERICAN SIGN LANGUAGE 11 (ASL)

American Sign Language is a visual-gestural language with its own distinct grammar and syntax. ASL is used by Deaf people across Canada and the United States. This is an intensive introductory course that provides students with some basic knowledge of ASL and Deaf Culture. Students will begin to develop both expressive and receptive skills in ASL as well as some knowledge of the five parameters of the language. They will be introduced to aspects of Deaf Culture and the Deaf Community through a variety of topics, including access to communication, issues in education, and different forms of artistic expression. This course is a pre-requisite for ASL 11.

AMERICAN SIGN LANGUAGE 11 (ASL)

In this course students will continue to build the skills they acquired in Introductory Sign Language 11. They will develop increasingly complex vocabulary and sentence structure and gain more proficiency with non-manual signals and other aspects of ASL grammar and syntax. They will learn more about different perspective on Deaf issues, perspectives and worldviews through examining them through a cultural lens. This course meets the second language entrance requirements for post-secondary institutions

*If student interest is sufficient, the following languages may be offered:
Mandarin, Japanese, Croatian, Italian, Korean and Punjabi.*

PHYSICAL EDUCATION

PHYSICAL & HEALTH EDUCATION 8

Physical and Health Education 8 is an opportunity for students to increase their understanding of this subject's concepts: to increase their ability to perform specific movement and activity skills, to improve their level of physical fitness increase their ability to appreciate and enjoy physical activities. Core activities topics include: Active Living, Badminton, Basketball, Dance, Field Sports, Ice



and to
and



Skating, and Volleyball. Additional selections may include Field Hockey, Field Lacrosse, Football, Pickleball, Rugby, Soccer, Softball, Track and Field, and Ultimate.

PHYSICAL & HEALTH EDUCATION 9

PHYSICAL & HEALTH EDUCATION 10

Physical & Health

Education 9 and 10 offers students a wide range of sport and recreational activities. Through active participation in physical and health education, students will develop knowledge, skills, and attitudes necessary to incorporate physical activity into regular routines to live an active, healthy lifestyle. Three themes are reinforced in junior physical and health education: personal and social responsibility, movement skills and active living.

PHYSICAL & HEALTH EDUCATION 9 LEADERSHIP

PHYSICAL & HEALTH EDUCATION 10 LEADERSHIP

This course is designed for students who are passionate about leading and promoting physical and health education events at Burnaby Central. In addition to following the regular PHE 9/10 curriculum students are provided enriched leadership opportunities in the school and community. Students are actively involved supporting Central's athletic events, scorekeeping and learning about tournament organization.

ACTIVE LIVING 11

ACTIVE LIVING 12

These two courses are designed to provide students opportunities to explore the lifetime value in a variety of group/team and individual activities. Students are introduced to available community recreational facilities and services. Active Living 12 provides further opportunities to explore individual and team activities in greater depth.

FITNESS & CONDITIONING 11 – Weight Training

FITNESS & CONDITIONING 12 – Weight Training

Weight Training 11/12 is focused on the student who wants to make significant gains in all areas of fitness. Each of the five components of fitness will be reinforced: body composition, strength, flexibility, cardiovascular endurance and muscular endurance. However, the main objective is based on strength training. Students who enroll in this course must be willing to commit to a semester long training program. Please note that Weight Training 11/12 is an application course. Applications can be picked up at the counselling office.

FITNESS & CONDITIONING 11 AM – Weight Training

FITNESS & CONDITIONING 12 AM – Weight Training

This is an X-block version of Weight Training 11/12. This morning class allows for flexibility in student schedules as students can take this course outside of the regular timetable.

APPLICATIONS OF LEADERSHIP 11: PHE

APPLICATIONS OF LEADERSHIP 12: PHE

This course provides an opportunity for students to develop their physical education leadership skills. Students will develop their leadership skills by serving as teaching assistants, coaching, organizing group



activities and coordinating special athletic events within the school. All PHE Leadership students will be trained in the National Coaching Certification Program Multi-sport Theory Part A.

FIRST AID 11

This course was developed for students who wish to learn and practice first aid. During the school year, students will learn the basics of first aid as well as the use of some advance medical equipment. Students will also learn stress management and triage care. All members of the class will be certified in Emergency First Aid. Using St. John Ambulance resources this course is taught outside the regular timetable. Course fee is \$25.00. This course is a pre-requisite for First Aid 12.

FIRST AID 12

First Aid 11 is the qualifying course that reinforces the practical knowledge required for First Aid 12. Students in this course will be required, within limitations, to perform the following: be available for on-call treatments, apply their practical skills in an unsupervised setting, attend to treatments according to first aid protocols, maintain cleanliness, order and restock the first aid room, log treatments completed and provide follow-up care as needed, defer support from source with greater certification, if needed. Students in this course will be required to demonstrate leadership and take charge in rendering treatment.

VISUAL & PERFORMING ARTS

DANCE COURSES

DANCE 8

Dance 8 is part of the Arts rotation experience at Burnaby Central. Through Dance, students build self-confidence, reflect on thoughts and experiences and explore creative expression. Learning to take risks in a supportive environment, personal and physical awareness, dance etiquette, community building and working as a team are emphasized. Students are introduced to basic dance terminology, movement elements, various genres of dance and dance history. Students build their sense of rhythm, strength, flexibility, co-ordination, and dance technique through a daily warm-up, dancing across the floor, learning choreography and creating movement sequences.



DANCE 9

In Dance 9, students focus on increasing body awareness, rhythm, dance technique and taking creative risks in a safe and fun environment. Building of these skills along with flexibility, strength and personal and physical confidence take place through warm-up, cross-floor movement, dance creation and learning choreography. Collaboration, safety, self-awareness, and dance etiquette are emphasized. Students in Dance 9 take part in the creation of a dance that they perform in a theatre setting at the end of the course.

DANCE COMPANY 9 *(Admission by audition and teacher discretion. Off time-table course)*

This is an advanced performance and repertory-based course which focuses on learning elements of choreography, leadership skills and advanced performance and technical skills necessary in being part of a Dance Performance Ensemble. Students learn to work as a team to create and learn choreography that to be performed for various school and community functions throughout the year as well as the term-end Dance Shows in the theatre. This class is offered outside of the regular timetable and admission is determined by audition and teacher discretion.



DANCE TECHNIQUE AND PERFORMANCE 10

In Dance Technique and Performance 10, students work in a fun, supportive environment to learn dance technique specific to particular dance genres, increase overall body awareness and confidence, work on performance skills and create movement phrases. Students are challenged physically and encouraged to take risks within a safe and supportive community of dancers. They learn about Dance in the context of culture and history as well. Classes typically consist of a daily warm-up including strength and flexibility exercises, introduction and practice of technical skills, cross-floor movement and choreography. Throughout the term, the class creates a dance that is performed in an end-of-term performance in the theatre.

DANCE CHOREOGRAPHY 10 *(Recommended as a second course for Grade 10's already enrolled in Dance Technique and Performance)*

This class takes place in tandem with Dance Technique and Performance 10. Students work in a fun, supportive environment to focus on learning and practicing the use of choreographic forms structures to create movement phrases and dances. They also learn elements of dance technique and increase their kinesthetic awareness in a safe community of dancers. This class typically involves a warm-up, cross-floor movement and dance composition segment. Students watch and analyze dance performances by various Dance Companies as well. Throughout the term, the students actively participate in the creation of a dance that is performed in an end-of term performance in the theatre.

DANCE COMPANY 10 *(Admission by audition and teacher discretion. Off time-table course)*

Dance Company 10 is an advanced repertory, performance-based course where students work in a collaborative, team-based setting, learning the choreographic, leadership, performance and technical skills necessary in a Dance Performance Ensemble. Students are expected to be self-motivated to learn choreography, improve their dance technique and work in small groups to explore and create movement phrases to incorporate into Company Dance pieces. Students learn to become self-reflective and aware of their impact within a larger group. They begin to participate in the production end of performances as well, such as working on theme and costume ideas, seeking out opportunities for performance and show promotion. The Dance Company works together to create a repertoire of dances in a variety of genres to be performed at various school and community functions throughout the year.

DANCE TECHNIQUE AND PERFORMANCE 11

In Dance Technique and Performance 11, students work in a fun, supportive environment to refine dance technique specific to particular dance genres, increase overall body awareness and confidence, improve on performance skills and develop skills to create movement phrases. Students are challenged physically and are encouraged to take risks within a safe community of dancers. They learn in increased depth, about the role that Dance has played and continues to play in the context of culture. Classes typically consist of a daily warm-up including strength and flexibility exercises, introduction and practice of technical skills, cross-floor movement and choreography. Throughout the term, the class creates a dance that will be performed in an end-of-term performance in the theatre.

DANCE CHOREOGRAPHY 11 *(Recommended as a second course for Grade 11's already enrolled in Dance Performance)*

This class takes place in tandem with Dance Technique and Performance 11. Students work in a safe, supportive and fun environment practice the use of choreographic elements to create movement phrases involved in Dance composition. They learn and enhance their dance technique and further increase kinesthetic awareness. This class typically involves a warm-up, cross-floor movement, followed by a dance composition segment. Students watch, analyze and articulate their thoughts on dance performances by various Dance Companies as well. Throughout the term, the class actively participates in the creation of a dance that to be performed in an end-of term performance in the theatre.



DANCE LEADERSHIP 11 *(Admission by teacher approval only)*

Dance Leadership 11 is a highly specialized course for dedicated dance students. In this course, students work with a grade 8 dance class as a mentor and junior choreographer. After an observation period, students are challenged to lead warm-up and cross-floor activities specifically designed to increase dance technique. They learn and practice the how to break down dance skills and choreography in ways that will help students understand the concepts. Dance Leadership allows highly motivated Dance students to bring their knowledge and skills into the shared space with other dancers, while encouraging them to learn how to effectively communicate and problem solve.

DANCE COMPANY 11 *(Admission by audition and teacher discretion. Off time-table course)*

This is an advanced repertory, performance-based course in which students learn elements of choreography, leadership skills and the performance and technical skills necessary in a Dance performance ensemble. Students are expected to be self-motivated to learn choreography and refine and increase their technical skills. They work collaboratively to explore and create movement phrases to incorporate into Company Dance pieces. Students learn to become self-reflective and aware of their impact within a larger group. Grade 11 students begin to play a leadership role within the class to mentor grade 9 and 10 dancers. They actively participate in the production end of performances as well, such as working on theme and costume ideas, seeking out opportunities for performance and show promotion. The Dance Company works together to create a repertoire of dances in a variety of genres to be performed at various school and community functions throughout the year.

DANCE TECHNIQUE AND PERFORMANCE 12

In Dance Technique and Performance 12, students work in a supportive and fun environment to refine and extend their dance technique specific to particular dance genres, increase overall body awareness and confidence, enhance their performance skills and use elements of choreography to create movement phrases and dances. Students are challenged physically and are encouraged to take risks within a safe community of dancers. They learn to articulate the roles that Dance has played and continue to play in the context of culture. Classes typically consist of a daily warm-up including strength and flexibility exercises, introduction, practice and extension of technical skills, cross-floor movement and choreography. Throughout the term, the class creates a dance that is performed in an end-of-term performance in the theatre.

DANCE CHOREOGRAPHY 12 *(Recommended as a second course for Grade 12's already enrolled in Dance Performance)*

This class takes place in tandem with Dance Technique and Performance 12. In a safe supportive and fun environment, students use choreographic elements to create movement phrases and dances on their own and in groups. They work to refine and improve their dance technique and increase kinesthetic awareness as well. This class typically involves a warm-up, cross-floor movement, followed by a dance composition segment. Students watch, analyze and articulate their thoughts on dance performances by various Dance Companies and make connections to the world beyond Dance. Throughout the term, the students actively participate in the creation of a dance that the class performs in an end-of term performance in the theatre.

DANCE LEADERSHIP 12 *(Admission by teacher approval only)*

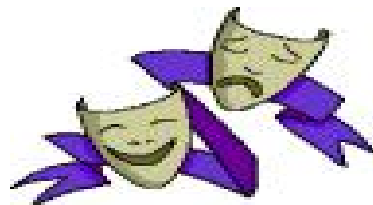
Dance Leadership 12 builds on skills developed in Dance Leadership 11. It is a highly specialized course for dedicated dance students. Students work with a grade 8 dance class as a mentor and junior choreographer. Leadership students use what they have learned through observation, discussion and experience to lead warm-up and cross-floor activities specifically designed to increase body awareness and technique at an appropriate level for the younger students. They practice the how to break down dance skills and choreography in ways that will help students understand the concepts. Dance Leadership 12 encourages highly motivated Dance students to bring their knowledge and skills into the shared space with younger dancers, challenging them to find new and effective ways to communicate and problem solve in a leadership position.



DANCE COMPANY 12 (*Admission by audition and teacher discretion. Off time-table course*) (*Offered outside the timetable*)

This is an advanced repertory, performance-based course in which students create and learn intricate choreography, demonstrate team-work and leadership and enhance their performance and technical skills as is necessary in a Dance performance ensemble. Students are expected to be self-motivated as they work collaboratively and independently to explore and create movement phrases to incorporate into Company Dance pieces. Students become increasingly self-reflective and aware of their impact within a larger group. Grade 12 students play a very active leadership role within the Company to mentor grade 9, 10 and 11 dancers. They learn to take the lead in the production end of performances as well, such as working on theme and costume ideas, seeking out opportunities for performance and show promotion. The Dance Company works together to create a repertoire of dances in a variety of genres to be performed at various school and community functions throughout the year.

DRAMA COURSES



DRAMA 8

Drama 8 is part of the Arts 8 rotation experience at Burnaby Central. It is the introduction course in developmental drama and builds on skills and concepts of dramatic arts. Students have the opportunity to build confidence through the creation of short scenes and techniques. They connect with other students through numerous group work opportunities in a safe and comfortable environment.

DRAMA 9

Drama 9 develops student's knowledge, skills and experiences in drama. Students explore improvisation (spontaneous and prepared), as well as individual and small group work in short, scripted scenes and plays. Emphasis is on vocal projection and building performance confidence. Students will increase personal development and communication skills.

DRAMA 10

This course continues development of improvisational skills, vocal projection and stage presence. Students explore artistically challenging activities, personal exploration and communication building techniques. Greater attention will be given to the development of character in both improvised and scripted roles.

DRAMA 11: ACTING

This senior acting class places emphasis on developing a deeper understanding of theatre. Students will acquire advanced terminology and techniques and will be challenged with exceptional contemporary and classic plays and scenes. Students will sharpen their skills through advanced improvisation, script analysis, voice and movement. Props and costumes will also be an important part of script work.

DRAMA 12: ACTING

Acting 12 develops student's understanding of theatrical elements at an advanced level. Through theatre, students acquire knowledge, skills and attitudes, which will enhance their personal, educational and career development. Acting 12 incorporates advanced performance pieces and both personal and group exploration and expression. This class will use a variety of mediums, such as filming techniques, to produce advanced work.

THEATRE COMPANY 9 (Junior Central Theatre Company) – Off Timetable

The focus of the Junior Theatre Company will be primarily on performance. Students will be expected to perform in productions. Productions will vary from plays, to creations of films, musicals, to original student



scripts. This course runs off timetable and meets currently one day a week, but more rehearsals will be added as necessary as the show draws near. Rehearsals would be based on students/teacher availability and need. Students will be exposed to all aspects of theatre from production, directing, writing, crew side to acting, performance side. Students should be enrolled in the core dram class to be in Theatre Company.

THEATRE COMPANY 10, 11 & 12 (Senior Central Theatre Company) – Off Timetable

This is an intensive course where students are expected to perform in major productions. The course will run off timetable. Rehearsals will be added as necessary as the show approaches and are based on students/teacher availability and need. Productions will vary from plays, to creations of films, musicals, to original scripts. Through solo masterclass work and collaborative group numbers, students will work intensively to produce shows. Students should be enrolled in the core drama class to be in Theatre Company.

THEATRE PRODUCTION 10, 11 & 12

This course is offered to grade 10-12 students and may be taken in subsequent years. This course is intended for students with an interest in the production aspect of theatre and film, such as, set design, lighting, projection, sound, scenic painting, stage management, costume, make up, invention and innovation. This course supports the school drama productions. Students should be enrolled in the core drama class to be in Theatre Production.

DIRECTING & SCRIPT DEVELOPMENT 11

This course emphasizes interpreting and writing performance material. Students create original works and are presented with opportunities to develop their production, directorial and scriptwriting skills within a drama class. Students should be enrolled in the core drama class to be in Directing & Script Development.

DIRECTING & SCRIPT DEVELOPMENT 12

This is an intensive course. Students are given leadership opportunities to develop and create their own material. Students enrolled in this course will be expected to take responsibility for selection and direction of longer scenes and development of one act plays for drama classes. They will be required to be enrolled in the core drama class.

MUSIC COURSES



MUSIC – GRADES 8 – 10

Students will be involved in performing, creating and listening to music. Through involvement in ensemble rehearsal and music activities, students will learn about the creative and expressive components of music. They will also develop an understanding of different perspectives and experiences and be able to communicate individual and collective expression to an audience. Through study and performance, students will have a greater appreciation of the meaning and importance of music as well as fine arts throughout history, and the connection that music provides in their lives today.

Students taking beginning and junior music courses will be placed in ensembles according to their experience and ability and will receive credit for the grade level in which they are enrolled.



BAND

BEGINNING BAND 8 – 11

Beginning Band is an introductory course introducing students to the maintenance, technique and rudiments of a selected band instrument. Technical and musical concepts, such as articulation, embouchure, blend, balance, tone, and style are introduced to form a foundation of musical awareness that encourages expression, reflection and performance. There are a limited number of school instruments available, however, most students will be required to provide/rent/purchase their own instrument from a local music store. Students who have not taken Grade 7 Band should take this course.

CONCERT BAND 8

Band 8 provides an opportunity for students to expand on the grade 7 band experience. Students will continue to develop skills, techniques, and musical concepts through individual and collaborative study on their instrument. Repertoire is selected from a wide variety of musical styles (appropriate to their level) ranging from classical to modern music. (*Pre-requisite Grade 7 Band and/or Instructor Approval*)

CONCERT BAND 9

Students enrolling in Band 9 must have at least one year of experience in a band program, or the musical equivalent on a wind instrument. Through individual and collaborative experiences in an ensemble, students will continue develop their knowledge and appreciation of music and build on their instrumental technique.

CONCERT BAND 10

Students enrolling in Band 10 must have at least one year of experience in a secondary school concert band class or the musical equivalent on a wind instrument. Through individual and collaborative experiences in an ensemble, students will continue develop their knowledge and appreciation of music and build on their instrumental technique with repertoire that continues to build and challenge musical and technical abilities of the ensemble.

JAZZ BAND 10

To register for this course, students must have at least one year in a secondary band or jazz band class and be registered in Concert Band 10. The Jazz Ensemble provides a unique experience, exploring a genre of music that is influenced by music styles from around the world. Through study in Jazz band students will have the opportunity to explore jazz improvisation, considered to be one of the most individually expressive forms of music.

CHOIR

CONCERT CHOIR 8 & 9 (*Offered outside the timetable*)

No prior experience is required for this course. Students will develop music-reading skills, knowledge of music and vocal technique through performance in a choral ensemble. As this is a multi-grade group (grades 8-12), assessment and evaluation is done individually and students are graded at the appropriate level for their grade. Choir is at 7:20 a.m. on alternate days throughout the school year.

CONCERT CHOIR 10 (*Offered outside the timetable*)

No prior experience is required for this course. Students will continue to develop more advanced music-reading skills, knowledge of music and vocal technique through performance in a choral ensemble. As this is a multi-grade group (grades 8-12), assessment and evaluation is done individually and students are graded at the appropriate level. There will be an expectation of leadership and mentorship for younger students in the class. Choir is at 7:20 a.m. on alternate days throughout the school year.



CHAMBER CHOIR 9 & 10

Students enrolling in the course should have completed at least one year of Concert Choir or the equivalent. Students should consult with the choral teacher for specific audition requirements.

MUSIC – GRADES 11 & 12

Music 11 & 12 in Burnaby School District is primarily taught through two programs:

Instrumental Music

This includes:

Concert Band

Jazz Band

Orchestra

Small Ensembles

Choral Music

This includes:

Concert Choir

Chamber Choir

Men's Choir

Women's Choir

Students will be involved in more advanced studies in performing, creating and listening to music. Through involvement in ensemble rehearsal and music activities, students will continue to develop skills in creative and expressive components of music. They will also continue to explore their understanding of different perspectives and experiences and be able to communicate individual and collective expression to an audience. Through study and performance, students will have a greater appreciation of the meaning and importance of music as well as fine arts throughout history, and the connection that music provides in their lives today.

CONCERT BAND 11 & 12

Students enrolling in Concert Band 11 & 12 must have at least three years of experience in a secondary school concert band class or the musical equivalent on a wind instrument. Through individual and collaborative experiences in an ensemble, students will continue develop their knowledge and appreciation of music and build on their instrumental technique with advanced repertoire that continues to build and challenge musical and technical abilities of the ensemble.

JAZZ BAND 11 & 12

Students enrolling in this course should have successfully completed intermediate jazz band, intermediate concert band or equivalent and are enrolled in a Concert Band 11/12 class. The Jazz Ensemble provides a unique experience, exploring a genre of music that is influenced by music styles from around the world. Through advanced study in Jazz band students will have the opportunity to further develop jazz improvisation, considered to be one of the most individually expressive forms of music.

CONCERT CHOIR 11 & 12 *(Offered outside the timetable)*

No prior experience is required for this course. Students will continue to develop more advanced music-reading skills, knowledge of music and vocal technique through performance in a choral ensemble. As this is a multi-grade group (grades 8-12), assessment and evaluation is done individually and students are graded at the appropriate level. There will be an expectation of leadership and mentorship for younger students in the class. Choir is at 7:20 a.m. on alternate days throughout the school year.



CHAMBER CHOIR 11 & 12

Students enrolling in the course should have completed at least one year of Concert Choir or the equivalent. Students should consult with the choral teacher for specific requirements due to the advanced study in music.

ART COURSES



In all visual arts courses, students will be involved in creating and communicating through images, as well as responding to and analyzing images. Skills, knowledge and attitudes are developed in the following four areas in relation to individual course media (eg. ceramics, painting, photography, etc.)

- skill development with a variety of materials, processes and technologies
- study of the elements and principles of design supporting the making and critiquing of art
- exploration of context, considering how personal, social, cultural and historical circumstances influence our understanding and making of art
- imagery development techniques and design strategies

Students may be engaged in exploring contemporary and historical issues or themes.

ARTS EDUCATION 8

This class is an exciting and dynamic introduction to high school Art courses offered at Burnaby Central. Art 8 gives our students an initial opportunity for creative and intellectual exploration of fun and challenging art making techniques and processes. Students will explore contemporary and historical aspects of art in both two-dimensions and three-dimensions.

ARTS EDUCATION 9

This course provides opportunity for exploration of a variety of materials, processes and techniques in two-dimensions and three-dimensions, and study of artists who have worked in these areas. Emphasis will be placed on the development of personal imagery and a basic understanding of the elements and principles of design. A sketchbook is recommended.

MEDIA ARTS 9

Media Arts 9 is a beginning course in Video, Graphic Arts, and Animation. It focuses on production basics in Video, Graphic Arts, and 2D Animation, and in the manipulation of still and moving images to create narrative. This course is designed to introduce students to graphic arts and media technologies, the principles, elements, and languages of Video, Graphic Arts, and Animation and their contexts within art and society. It is a practical production based course designed to offer students experience with all the steps of video production, animation and graphic design.

ART STUDIO 10

This course provides an opportunity for continued exploration and experience in a variety of two- dimensional and three-dimensional mediums. Students will be engaged in the development of skills and knowledge related to personal image creation, selected techniques and historical developments. A sketchbook is recommended.



MEDIA ARTS 10

Media 10 is designed as an intermediate course in digital film technologies and digital film production techniques. It focuses on digital video production and manipulation of video images to create narrative. This course is designed to build proficiencies in digital video technology, the principles and elements of film making and the language of film and its contexts within art and society. It is a practical production-based course designed to offer students experience with all the steps of film making, including pitching and developing ideas, script writing, story boarding, production and post-production.

Prerequisites: Media 9 or teacher's consent.

PHOTOGRAPHY 10

This course provides an introduction to photography and includes both technical and creative components. It will encourage students to participate in a creative process that is direct and technical. Traditional film and darkroom processes, as well as digital photography and image manipulation, are taught. Tests, critiques and regular walking field trips are required. There may be additional costs associated with this course.

YEARBOOK 10 – 12

Yearbook is a course in journalism and photojournalism. Our big story each year is: This Year at Central. Join a dynamic group of students, dedicated to recording for posterity, in words and pictures, the epic legacy of your years at Central. In addition to learning photography, journalism, and desktop publishing, students taking Yearbook will build capacity in organization, communication, creative problem solving, personal and social responsibility, and team work. These are all essential skills for future successes. In fact, studies have shown that students who take journalism in high school score higher in college entrance exams, earn higher grade point averages, and demonstrate better writing and grammar skills in college, compared to students who do not have high school journalism experiences.

ART STUDIO 11 (Art Foundations 11)

Students will be engaged in creating with, and responding to, a wide range of 2D and 3D art processes selected from drawing, painting, ceramics, sculpture, fabric and fibre, printmaking and graphic design. Within each area they will explore image development and design strategies, the elements and principles of design, technical skill development and context. Art history, art criticism and exploration of a range of art careers are integral to the course. A sketchbook is recommended.

GRAPHIC ARTS 11

In this course, you will learn skills and techniques related to a variety of styles and technologies-ranging from the traditional, such as block and screen-printing, to the digital -to make graphic artworks that resolve creative challenges and convey ideas and emotions. You will be introduced to traditional and contemporary, innovative graphic artists from a variety of movements and contexts. You will learn to analyze design choices and examine influences to develop personal views on the graphic arts and its purposes. You will be introduced to graphic art that explores personal voice, stories, and values, including First People's perspectives, and the relationships between the graphic arts, culture, and society.

PHOTOGRAPHY 11

This course provides an introduction to photography and includes both technical and creative components. It will encourage students to participate in a creative process that is direct and technical. Traditional film and darkroom processes, as well as digital photography and image manipulation, are taught. Test, critiques and regular walking field trips are required. There may be additional costs associated with this course.



MEDIA ARTS 11 & 12

This course focuses on the technical and artistic aspects of Media Art. This course provides students with a fun, positive atmosphere in which to explore their creativity through various film making techniques and handling the camera. Students will do work in class and home. It is encouraged that students spend time outside of class researching new and interesting ways to film and add effects that we will be covering in class. Students will learn different terms, angles, shots and history of film making. They will explore different methods and forms of filming.

The ministry guideline for this and other Media Arts courses can be found at:

<http://www.edu.gov.on.ca/eng/document/curricul/secondary/arts/artsful.html>

STUDIO ARTS 11 & 12

In Studio Arts 11 courses students engage in an in-depth study in a particular visual expression area. Image development, the relationship of context(s), the application of the elements and principles of design, and technical skill development in relation to the materials, processes and technologies particular to the chosen studio art specialty will be studied.

There are two studio art visual expression specialty areas:

Studio Arts 2D: Drawing and Painting 11 & 12

Studio Arts 3D: Ceramics and Sculpture 11 & 12

Within each specialty studio art course students will:

- explore significant artists, artworks and movements
- create personally meaningful images
- respond to a variety of images
- develop a portfolio documenting their creative processes
- explore visual art careers

as related to the specific visual expression area. A sketchbook is recommended.

*Students may enroll in more than one Studio Arts course.

ART STUDIO 12 (Art Foundations 12)

Building upon Visual Art 11 content, students work at an advanced level with a range of 2D and 3D art processes. Emphasis is on an increase in their level of sophistication, complexity and independence as students further develop technical competence in the selection and use of a variety of materials and processes, the purposeful manipulation of the elements of design, and the development of personal imagery. Visual literacy will be enhanced through art criticism and the study of the relationships between context(s) and the visual arts. Students will document and evaluate their creative process and product and continue to explore a range of visual art careers. A sketchbook is recommended.



GRAPHIC ARTS 12

In this course you will design, create, and refine innovative graphic artworks for specific audiences, gaining inspiration, imagination, and inquiry from a variety of sources. You will learn to examine artistic possibilities and cross-cultural perspectives, and take creative risks to express thoughts, emotions, and ideas. You will refine skills and techniques related to various styles and technologies and demonstrate innovation in resolving design challenges. You will examine traditional and innovative graphic artists from a variety of movements, periods, and contexts, and intentionally select and combine materials, processes, and technologies to convey ideas, and justify choices. You will investigate and gain deeper understanding of graphic art that explores personal voice, stories, and values, including First People's perspectives, and the relationships between the graphic arts, culture, and society.

PHOTOGRAPHY 12

This course builds on Photography 11. Students will study historical developments in photography, understand and apply the elements and principles of design in photographic production and critiques. They will further their understanding of lenses and filters, develop a portfolio of personal work and explore career options. Basic computer skills are introduced through Photostitch and Photoshop. Regular in-class field trips are required. There may be additional costs associated with this course.

AP 2-D DESIGN PORTFOLIO 12

AP 2-D Design Portfolio 12 course is designed for students who are seriously interested in pursuing post-secondary education in the Arts field. The portfolio asks the student to develop a series of Art pieces that translate context and theme into visual images. Based on their own personal interests, students can choose any 2-Dimensional medium or process, such as collage, drawing, fashion illustration, graphic design, painting, photography, and printmaking. AP 2-D Design Portfolio is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year.

AP 3-D DESIGN PORTFOLIO 12

Students must create 10 digital images consisting of two views each of five works that demonstrate synthesis of materials, processes, and ideas using 3-D art and design skills. They must also include 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision.

AP STUDIO ART: DRAWING 12

Students must create five physical works or high-quality printed reproductions of physical works that each demonstrate synthesis of materials, processes, and ideas using drawing skills. They must also include 15 digital images of works of art and process documentation that demonstrate sustained investigation through practice, experimentation, and revision.

ADVANCED PLACEMENT ART COURSES

AP courses are for both college bound and career oriented students. Students may choose from 2D or 3D Studio AP Courses. Students will be expected to work intensively with personal imagery developing 24 original quality images. These courses are for committed art students who wish to submit a portfolio for the Advanced Placement Exam. At the end of the year approximately 24 pieces of artwork will be submitted to the College Board Testing Center for college advanced placement credit. Cost: AP Exam, approximately \$120. Students should expect to take at least two years to create a portfolio.



CAREER PREPARATION PROGRAMS

CAREER LIFE EDUCATION 10

CLE 10 is a 4 credit graduation required course. It is designed to help students develop the skills they need to establish goals, make meaningful decisions and think critically about their life post-graduation. Throughout the course students will develop skills and explore the following areas: post-graduation planning, career development, maintaining and developing positive relationships, financial planning, global market trends, volunteerism and their own personal passions.

CAREER LIFE CONNECTIONS 11

CLC 11 is a 2 credit graduation required course. CLC 11 is a blended model and requires students to use Office 365, complete assignments online as well as attend workshops and presentations at school. Presentations and workshops run during the allocated collaboration blocks. The learning outcomes for the course focuses on work-life balance, plans for post-secondary, developing community connections and mentorship, personal awareness and responsibilities, learn about education, career and life opportunities and building lifelong skills.

CAREER LIFE CONNECTIONS 12

CLC 12 is a graduation required course. The course reflects a mini capstone project which focuses on goal setting and celebrating accomplishments. The purpose of the capstone is for students to demonstrate their knowledge and passion(s) that they can offer the world, as they integrate personal interests and strengths with preferred future possibilities. It is a representation of the student's learning journey and provides an opportunity to reflect as well as showcase and celebrate.

Burnaby School District's Career Education Programs provide the opportunity for students in their senior years to gain knowledge and skills that can lead to industry certification, apprenticeship, and the development of a portfolio. These can support application to post-secondary programs and/or employment.

WORK EXPERIENCE 12A

This elective course is designed to give students a real-life introduction to career exploration through individual student's interests, passions and goals. In addition to career exploration, students review post-secondary options that can provide a more elevated work experience, resume writing, job search skills, and interview skills. As a requirement of this course, all students must complete 80 hours of work experience that begins in their grade 11 year, as well as completing a Career portfolio assignment. Students must be aware that work experience scheduling is flexible but may extend beyond regular school hours and/or days. Grade 12 students may choose to select a Work experience as an eighth course or in addition to their eighth course. Areas of focus include; business and applied business, fine arts, designs and media, fitness and recreation, health and human services, liberal arts and humanities, science and applied sciences, tourism and hospitality, and trades and technology.

YOUTH TRAIN IN TRADES

YOUTH TRAIN IN TRADES

Burnaby School District's Industry Training programs provide Grade 11 and 12 students with the opportunity to develop entry level skills, theory, and industry standard training. While earning graduation credits, students are working toward level 1 technical training certification. In all the program options, students receive in-class



training and work experience. Students can then choose to pursue work in the industry or a post-secondary education in their chosen career.

Program	Location	Credits
Auto Collision Repair Tech	VCC	28
Auto Refinishing and Prep Tech	VCC	20
Auto Service Technician	Cariboo Hill (Day 1)	20
Baker (Pastry Arts)	VCC (downtown campus)	24
Carpenter	Cariboo Hill (Day 1)	20
Construction Electrician	Burnaby Mountain (Day 1)	20
Hairstylist (2 year program)	Alpha (Day 1)	40
Metal Fabricator	BCIT	20
Painter and Decorator	Finishing Trades Institute	4
Pipefitter	Piping Industry College of BC on Annacis Island	4
Plumber	Piping Industry College of BC on Annacis Island	4
Professional Cook	Burnaby Central (M-T afternoons)	28

INDUSTRY CONNECT

Burnaby schools offers 5 unique Industry Connect programs that prepares students for postsecondary programs and entry level work. Student learn hands on skills and develop a portfolio of skills that are entry level and industry-related. Each program includes 120 hours of work experience.

Program	Location	Credits
Film and Broadcast	Burnaby North (Day 1 PM)	16
Graphics/Media Arts	Byrne Creek (3 afternoons per week)	16
Health Sciences	Moscrop (3 afternoons per week)	16
Music Production & Technology	Burnaby North (Day 1 PM)	16
Robotics (Mechatronics)	Alpha (Day 1 afternoon)	16

INDUSTRY CERTIFICATION

Burnaby schools offers 6 unique programs that provide students the opportunity to earn graduation credits, post-secondary credits and industry certification. These programs prepare students with hands on skills and entry level industry training. Some of these programs include 120 hours of work experience.

Program	Location	Credits
CISCO Networking Academy	Burnaby South (Day 1)	20
DigiPen Gaming Academy	Cariboo Hill (enrolled students)	TBA
Fitness Instructor	Burnaby South (every AM)	20
Tourism & Event Management	Burnaby Mountain (3 afternoons a week)	16
Microsoft Office Specialist	Cariboo Hill	TBA
Palo Alto Cyber Security	Cariboo Hill	TBA

