

St. John's School

COURSE OFFERINGS BOOKLET

2008 – 2009



Senior School

Grades 8 – 12

Course Offerings Booklet 2008 – 2009

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JUNE 9, 2008

Dear Senior School Students & Parents / Guardians,

Introduction to the Course Offerings Booklet

This Course Offerings Booklet provides students and parents with a list of courses available for the coming academic year and guidance in the course selection process. Review the requirements and course selection process before you begin selecting courses. Please bear in mind that the school will only offer a course with limited enrollment if the course is provincially examinable or if students require a course to meet their graduation requirements.

Students will complete a Course Registration Form which must be submitted to Ms. Bentley by Wednesday, June 4. Initial student course selections will enable us to create a timetable with a minimum number of conflicts and a maximum number of course selections available for Grades 11 and 12 students.

For parents of students in next year's Grade 8 class, all courses are compulsory unless students are exempted by the Ministry of Education, or for reasons of language proficiency¹. Grade 9 students may select Spanish or French. Grade 10 students have a choice of Art 10, Media Arts 11, or Music 10, as well as Business Education 10. Students who have no French language background but have proficiency in another language may wish to challenge a language such as Mandarin, in their senior years. Students who are exempted from a second language by the Ministry must have a valid assessment.

Students are expected to take a full timetable in Grades 8 – 11. All subject choices will be reviewed by the Graduate Advisor to ensure that students have met prerequisites and are scheduled to receive their Dogwood Diploma graduation certificate upon completion of Grade 12.

If you have questions please do not hesitate to contact Ms. Skyler Bentley (Ext 118; sbentley@stjohns.bc.ca) or me.

Yours sincerely,

David Darling
Senior School Principal

¹ Students in Grades 8 – 11 must select a mathematics, English, and international language course in which they have met the prerequisite. Students selecting honours or advanced courses must maintain at least a 'B' average to continue in an honours stream.

Applied Skills

Business Education 10

Credits: 4

This course provides an excellent introduction the world of business. Topics covered include consumerism, banking, business ownership, accounting, law, and marketing. The highlight of the course is the creation of student-run businesses in which students establish and operate their own cafeteria service at recess or lunchtime.

Economics 12

Prerequisite: Social Studies 11 or Social Studies 10 and Principal's approval

Credits: 4

Economics 12 provides students with opportunities to analyze the effects of economic activity on their society, the nation, and the global community, and gives them a deeper understanding of the principles behind government and social policies. Students study the principles underlying the exchange of goods and services for value both within the market system and in non-market-oriented sectors, e.g. households and volunteer organizations. Economics 12 provides opportunities for students to become economically literate citizens who can understand the exchange of goods and services, the theory and practice of the economic system in which they live. Furthermore, they will be able to assess the roles of property, capital, and labour in their region while also increasing their awareness of local and global economic trends.

Yearbook 11 – 12

Prerequisite: Art 9, IT 9 or Principal's approval

Credits: 4

This course is guided by the principles of learning: active participation, learning in a variety of ways, and learning both individually and within a group. The course curriculum involves the creation of the school yearbook. The course is largely based on participation and ability to work effectively in a team setting. Students will be required to apply the principles of design and the skills related to book publishing, including: photography, graphic design, page layout, writing, and file management.

Course Registration – Procedures and Guidelines

When signing up for courses, students must consider:

1. Certain courses are required.
2. The credits they have already completed and the credits they need to graduate.
3. Certain courses cannot be taken unless the prerequisite course(s) has been taken. This booklet lists prerequisites, if any, for each course.
4. Students cannot receive credit for a course more than once.
5. After all sign-ups are completed, some adjustments may be necessary.
6. Students will be given their timetables in June.
7. At the beginning of Term 1 (October 1, 2008), students will have two weeks to add/drop courses, using the Add-Drop Form (with appropriate signatures obtained.)
8. For Honours courses, students must have achieved at least a 'B' level in the prerequisite course.
9. Students have until the first progress report date to change from an Honours or Advanced Placement (AP) course to a regular course.
10. Students must maintain a 'B' average in order to remain in Honours courses.
11. Students are discouraged from enrolling in a course that is two grades above their grade level, i.e. a Grade 10 student enrolling in a Grade 12 course.
12. Students should notify the Graduate Advisor if they intend to take a summer course for credit outside St. John's School.

Graduation Program Requirements

Required Courses

Language Arts 10	4 credits
Language Arts 11	4 credits
Language Arts 12	4 credits
Social Studies 10	4 credits
Social Studies 11	4 credits
Science 10	4 credits
Science 11 or 12	4 credits
Mathematics 10	4 credits
Mathematics 11 or 12	4 credits
PE 10	4 credits
Fine Art and/or Applied Skill 10, 11, 12	4 credits
Planning 10	4 credits
Total	48 credits

Elective Courses

(From Grade 10 – 12 courses)

Graduation Transitions	4 credits
Total	80 credits

Students must have a minimum of 16 credits at the Grade 12 level including Language Arts 12.

Courses with Provincial Examinations

The following list of courses with provincial examinations includes only those courses offered by St. John's School. Provincial examinations carry 20% of the final grade in Grade 10, 30% of the final grade in Grade 11, and 40% of the final grade in Grade 12.

Grade 10

English 10
Mathematics 10

Grade 11

Social Studies 11
Civics 11

Grade 12

Biology 12
English 12
French 12
Chemistry 12
Geography 12
History 12
Physics 12
Geology 12

Career and Personal Planning

Career and Personal Planning (CAPP) 8

Pre-requisite: CAPP 7

This course complements the academically-oriented courses that constitute much of the curriculum by focusing on students' personal development, including organizational strategies, healthy living, and mental well-being. Community service will also be an integrated part of the curriculum. This course is delivered as part of the regular academic program, not as a separate course.

Career and Personal Planning 9

Pre-requisite: CAPP 8

This course builds on the previous year's course content and complements the academically-oriented courses that constitute much of the curriculum. CAPP 9 focuses on students' personal development, including organizational strategies, healthy living and mental well-being. Community service will also be an integrated part of the curriculum. This course is delivered as part of the regular academic program, not as a separate course.

Planning 10

Pre-requisite: CAPP 9

Credits: 4

This course builds on the previous year's course content and complements the academically-oriented courses that constitute much of the curriculum. Planning 10 focuses on students' personal development and on how their schooling and extra-curricular activities relate to their future plans and life after school. Students begin to work on their Graduation Transitions.

Graduation Transitions

Pre-requisite: Planning 10

Credits: 4

Students enrolled in Grades 11 and 12 will be required to complete the following three mandatory standards: 80 hours of physical activity, a graduation transition plan that will help students set goals for post-secondary education or other career pursuits, and 30 hours of work experience or community service. Students will work with the Graduate Advisor to meet the expectations of the Graduation Transitions Plan.

Physical Education 12

Pre-requisite: PE 10 or PE 11

Credits: 4

In this course students will explore individual activities that will enhance the development of physical and social skills needed to maintain an active lifestyle. Students are expected to design and implement personal fitness and nutritional programs that enhance an active lifestyle. Students will be required to implement game-management skills through officiating, coaching, and scorekeeping within the extra-curricular school program.

Course Offerings**English Language Centre****English Language Class (ELC) 8, 9 & 10**

Pre-requisite: N/A

This course is designed to assist students in becoming proficient in English. Students are taught basic skills in speaking, listening, reading, and writing. In addition, it is the intention of this class to assist students in developing the vocabulary and study skills to succeed in their mainstream courses.

Transitional Social Studies 8, 9 & 10

Pre-requisite: N/A

Credits: 4 (Grade 10)

The intention of Transitional Social Studies 8, 9 and 10 is to provide parallel programs for students who are not yet ready for integration. These courses provide an adapted function whereby verbal reasoning and writing abilities receive substantial attention. The courses utilize a student-focused pace and stress repetition of important meanings and terminology essential to understanding the concepts in social studies.

Transitional English 8, 9 & 10

Pre-requisite: N/A

Credits: 4 (Grade 10)

The intention of Transitional English 8, 9, and 10 is to help bridge the shift from ELC levels of language ability to the levels required in regular English classrooms. These courses provide a remedial function whereby verbal reasoning and writing abilities receive substantial attention. The focus of these courses is to develop knowledge of literary devices, introduce students to a variety of literature, and develop skills necessary for the mainstream English program.

English

English 8

Prerequisite: English Language Arts 7

English 8 focuses on advancing students' writing, reading, speaking, and listening skills. It builds upon the fundamentals of language developed in elementary school with an emphasis on the writing process. Students study and practice complex sentence structure, paragraph writing, and formal essay writing. Through the reading, discussion, and study of various literary genres, students will develop the knowledge, understanding, and appreciation of language and how it is used. Expansion and development of students' vocabulary is a fundamental element of English 8.

English 9

Prerequisite: English 8

English 9 develops fluency in communicating ideas, both orally and in writing. Students review and expand their mastery of sentence structure, paragraph form and essay writing. Students read, study, and discuss a variety of written forms with a focus on literature and informational writing, and use their reading experiences to expand their vocabulary. Students in English 9 also use information technology in the study of language, and students use word processing programmes and multi-media programmes such as Power Point in class presentations. The student will continue to develop critical, creative, and reflective thinking skills.

English 10

Prerequisite: English 9

Credits: 4

Students review and practice writing skills with emphasis on word usage, sentence structure, paragraph form, and the expository essay. Students will learn to express themselves powerfully, convincingly, and gracefully for a variety of personal, social, and work related purposes. Students read and study various literary genres and review and demonstrate an understanding of the basic elements of fiction and poetry. Reading is the foundation of expanding and developing vocabulary.

Physical Education

Physical Education (PE) 8

Pre-requisite: PE 7

Students will explore individual and team activities that will enhance the development of physical and social skills. Students will be exposed to a variety of team sports and individual activities designed to challenge, stress, and motivate their bodies. A physical fitness component will coincide with each unit over the course of the year.

Physical Education 9

Pre-requisite: PE 8

Students will explore individual and team activities that will enhance the development of physical and social skills. Students will be exposed to a variety of team sports and individual activities designed to challenge, stress, and motivate their bodies. We will also discuss, design, and implement personal fitness and nutritional programs.

Physical Education 10

Pre-requisite: PE 9

Credits: 4

In this course students will explore individual and team activities that will enhance the development of physical and social skills needed to affect one's environment in a positive manner. Students will be exposed to a variety of team sports and individual activities designed to challenge, stress, and motivate their bodies. We will also discuss, design, and implement personal fitness and nutritional programs.

Physical Education 11

Pre-requisite: PE 10

Credits: 4

In this course students will explore individual activities that will enhance the development of physical and social skills needed to maintain an active lifestyle. Students are expected to design and implement a personal fitness program and to implement game management skills through officiating, coaching, and scorekeeping within the extra-curricular school program.

Information Technology 12: This course is offered “on-line”

Prerequisite: IT 11

Credits: 4

The IT 12 curriculum builds on what was learned in IT 11 and involves the development of information literacy, positive attitudes toward technology, problem-solving and critical-thinking skills related to the use of technology. Students will learn the following skills through tutorials and IT projects throughout the year: advanced desktop publishing/page layout, intermediate computer programming, computer networking, intermediate graphic design (vector and bitmap), advanced web publishing, and animation.

English 11 Honours

Pre-requisite: English 10

Credits: 4

English 11 focuses on developing and refining writing and reading skills, and attaining proficiency in critical and inferential thinking. Students review and achieve competency in narrative, descriptive, and expository writing. Through the reading and study of various literary genres, students expand their literary vocabulary. Students review effective oral reporting techniques and participate in oral reading, oral reports, group discussions, and dramatizations.

English 11 Honours

Pre-requisite: English 10 Honours and Principal’s approval

Credits: 4

Students in English 11 Honours will gain mastery of the required writing styles for Grade 11. The course will also challenge students to write various styles of essays to help prepare them for post-secondary education. Through a vast amount of reading, covering many themes and genres, students will learn all of the required literary vocabulary for high school. Presentation skills, critical thinking and research skills are central to this course. In addition to the regular English 11 requirements, students will encounter more rigorous expectations in both the amount and quality of work produced. Students in English 11 Honors are expected to write the Grade 12 Provincial English exam.

English 12

Pre-requisite: English 11

Credits: 4

English 12 focuses on the expressive and functional purposes of language and raises student fluency to a sophisticated level in preparation for the provincial examination and entry to post-secondary education. The students learn to communicate, not only with clarity, accuracy, and expressiveness, but also with style. In addition to the major literary genres, short fiction, novels, poetry, and drama, students also study various forms of non-fiction. Students examine literature critically and are expected to express independent and responsible judgments.

AP English Language and Composition

Pre-requisite: English 11 Honours

Credits: 4

AP English Language and Composition is college-level course. Its primary objectives are to lead students in developing the skills which will enable them to read and think critically, and write effectively in a range of styles and for a variety of purposes in order to achieve success in college and university courses. The primary focus of student reading will be non-fiction drawn from a wide range of disciplines and genres. Readings will be selected to "emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication." Students will study rhetoric, both in its classical and modern understandings, and gain proficiency in recognizing and using various rhetorical techniques and devices to control and enhance the effectiveness of their writing in communicating with an audience.

Cultural Literacy 12

Credits: 4

Prerequisite: English 10

This course is designed to promote a cultural, social, political, and economic awareness of the larger world in which students live through reading and writing. It encourages students to think about research and communication as they appear in the world around them. Technology will serve as the medium through which students access current information. Students will actively engage texts and writing assignments to explore their world and the ways in which their surroundings are shaped by local, national, and global policies. Each assignment will use a multiple media approach to examine and explode stereotypes and force students to recognize their conscious or subconscious complicity in fostering or accepting "facts" at face value. By engaging themselves with the assignments, students will learn how to express themselves more clearly in academic and everyday life, and will gain the analytical and critical thinking skills to better understand life in the 21st Century.

Information Technology

Information Technology (IT) 8

Prerequisite: IT 7

This course is designed to provide students with the fundamental knowledge, skills and experience to use Information Technology tools effectively. A hands-on, project-based format will be followed, and many projects will be integrated units that are completed in conjunction with another course. Emphasis is on developing strategies to solve problems and on communicating information using a variety of media that incorporate effective design criteria. The main topics include research essays, using correct MLA format, spreadsheets, relational databases to manage and report data, and websites and programming in Visual Basic. Keyboarding skills are also improved and proper technique is emphasized.

Information Technology 9

Prerequisite: IT 8

This course will build on the skills developed in IT 8. A hands-on, project-based format will be followed and many projects will be integrated units that are completed in conjunction with another course. Research, writing skills and oral presentation skills will be enhanced while advanced applications will be developed in Microsoft Excel (spreadsheets) and Access (databases). Interactive websites will be created and programming concepts will be examined through a variety of problems, including creating simple games in Visual Basic.

Information Technology 11

Prerequisite: IT 9

Credits: 4

The IT 11 curriculum involves the development of information literacy, positive attitudes toward technology, problem-solving, and critical-thinking skills. Students will learn the following skills through tutorials and IT projects throughout the year: intermediate desktop publishing/page layout, basic computer programming, basic computer networking, introduction to 2D graphic design (bitmap), and introduction to web publishing and animation.

Music

Music 8

Prerequisite: Music 7

Students take music for one term in Grade 8. There is a direct link to the Grade 7 course, surveying further the characteristics and styles of the Renaissance, Baroque, Classical, Romantic, Modern, and Contemporary periods. Students present at least one assignment to the class, and there is a verbal debate (in teams), which looks at the perceived attributes of 'rap music' versus 'rock' or 'classical' fashions or themes. Every student sings in class, and students have opportunity to perform if they play an instrument.

Music 9

Pre-requisite: Music 8

Students take music for one term in Grade 9. There is a 'refresher' overview on the language of music, an analysis of selections of popular music from different cultures (i.e. words, melody, rhythm), as well as an awareness brought to the students of non-popular 'world music'. There is a section on 'safe hearing', and also on the ways in which promotional materials are packaged for the consumer of popular music.

Senior Honours Band.

Credits: 4 Full Year Course

Prerequisite Band 7 or an audition arranged by the Band director. The course provides an opportunity to extend their instrument development through a variety of challenging repertoire. Students will also have an opportunity to perform in small ensembles. There will be several mandatory performances throughout the year at the school, in addition the senior honours band will represent St. John's School at festivals and competitions. Students will be evaluated on the following criteria: participation, responsibility, individual performance, professionalism and team work. Open to strings players.
2 hours a week Tuesday Morning 7:30 or Tuesday after school, depending on events.

Mathematics

Mathematics 8

Pre-requisite: Mathematics 7

This is a very important course as students begin their senior school studies. The course covers many areas of mathematics, including geometry, algebra, graphing, number systems, and statistics. The use of calculators is not permitted in the first two months when students learn number systems.

Mathematics 8 Honours

Pre-requisite: Mathematics 7 and Principal's approval

This is an advanced course intended to challenge able mathematicians. It is an intense course that will explore all concepts relevant to Mathematics 8 and conclude by taking students well into Mathematics 9. Successful students will be able to take Mathematics 9 Honours in Grade 9. Subjects explored include number concepts, polynomials, algebra, geometry, and trigonometry.

Mathematics 9

Pre-requisite: Mathematics 8

This course enables students to develop generalizations of mathematical ideas and methods through the exploration of applications and abstract reasoning. Students will investigate relationships to develop equations of straight lines in analytic geometry, explore relationships between volume and surface area of objects in measurement, and apply extended algebraic skills in problem-solving. Students will engage in abstract extensions of core learning that will deepen their mathematical knowledge and enrich their understanding.

Mathematics 9 Honours (Principles of Mathematics 10)

Pre-requisite: Mathematics 8 with an 'A' or Principal's approval

Credits: 4

In this course, students cover all material in Mathematics 9 and the Principles of Mathematics 10. Therefore, students taking this course must be proficient in mathematics, highly motivated, and prepared to work at a fast pace. It is intended for students in Grade 9 who have proven a high level of proficiency in mathematics and who intend to write the Grade 10 Provincial exam.

Principles of Mathematics 10

Pre-requisite: Mathematics 9

Credits: 4

This course enables students to broaden their understanding of relations, extend their skills in multi-step problem-solving, and continue to develop their abilities in abstract reasoning. Students will pursue investigations of quadratic functions and their applications, solve and apply linear systems, solve multi-step problems in analytic geometry to verify properties of geometric figures, investigate the trigonometry of right and acute triangles, and develop supporting algebraic skills.

Principles of Mathematics 11

Pre-requisite: Principles of Mathematics 10

Credits: 4

The Principles of Mathematics 11 provides students with completion of their senior school mathematics requirement or prepares them for the Principles of Mathematics 12. It requires a solid background in foundational math skills as well as excellent work habits. Topics covered include: problem-solving, which is integrated into all other topics, consumer math, linear systems and inequalities, coordinate geometry and trigonometry, quadratic transformations and inverse functions, solving quadratic functions, solving polynomial equations and inequalities, solving rational, radical and absolute value equations and inequalities, special angles, and circle geometry.

Principles of Mathematics 12

Pre-requisite: Principles of Mathematics 11

Credits: 4

This course is a pre-requisite for many university programs. Students will explore functions, trigonometry, logarithms, conics, permutations, combinations, and statistics in the Principles of Mathematics 12. It is a challenging course that requires a commitment to thorough work and problem-solving.

Drama**Drama 8**

Pre-requisite: None

Drama 8 introduces students to Drama as a mode of expression. Students are taught how to use their own ideas, emotions, voice, and movements to engage an audience, as well as basic acting techniques and theatre terminology. Students are encouraged to develop these skills through group work, improvisation, and play writing activities. Drama 8 is a one term course.

Drama 9

Pre-requisite: Drama 8 or permission of the teacher.

Drama 9 gives students an opportunity to further develop their skills as actors through group work, improvisation, and play-building activities. This course also encourages students to foster an appreciation for drama as a dynamic art form. Drama 9 is a one-term course.

Musical Theatre

Credits: 2

Pre-requisite: Admission to this course is through audition or approval of the teacher(s)

Musical theatre gives students the opportunity to work on a musical production in areas of acting, design, technical theatre, and directing, and to understand how these roles come together to create a production. These skills will be developed through exploration, analysis and practical application. Students will be expected to: memorize lines, learn songs and choreography, and undertake voice and acting training in preparation for a performance of the musical "Bye Bye Birdie". This course will take place outside of the formal class time during after school, evenings and weekends, and both students and parents will be expected to sign a contract that acknowledges the time and effort required. Students' participation in this course is optional and can be terminated at any point at the discretion of the teachers after consultation with parents and administration. The participants will be assessed through performance tests and journals that evaluate the production work of self and others.

Advanced Placement 2 D - Design

Pre-requisite: Visual Arts 12 or Visual Arts 11 and Principal's approval

Credits: 4

AP Studio Art: 2 D-Design is not based on a written exam; instead students submit portfolios for evaluation at the end of the school year. Class work consists of addressing three major concerns for the Portfolio: (1) Quality, (2) Concentration, and (3) Breadth. Within each of these sections, students are reaching for high standards comparable to a college course in formal, technical, and expressive means. Students will learn and utilize a variety of design concepts, approaches, aesthetic and formal theories, artistic styles, and media. Art History and art concepts supplement the course through readings, discussion, critiques, and lectures to strengthen the studio application. Course credit will be based on studio assignments assessed on the AP Rubric, a completed portfolio, and class participation.

Calculus 12

Pre-requisite: Principles of Math 11 and Principal's approval

Principles of Math 12

Credits: 4

This course is intended for those individuals that wish to study science/business related courses at university. However, it should not be confused with AP Calculus that concludes with completion of the AP exam. Calculus 12 explores different areas of calculus including differential calculus, integral calculus and differential equations. The course offers an important insight into university calculus and is an excellent 'head start' to the subject.

AP Calculus AB

Pre-requisite: Principles of Mathematics 12 or Principal's approval

Credits: 4

This course prepares students to take the Advanced Placement Calculus AB examination. The course covers 1-variable differential and integral calculus of all basic functions. This course is essentially equivalent to a first-semester university calculus course. The course grade is based entirely on student performance on The College Board examination in May.

Social Studies

Social Studies 8

Pre-requisite: Social Studies 7

In Grade 8 Social Studies, students survey a variety of civilizations and cultures from around the world. The civilizations are studied thematically with the focus on understanding the variety of forces that have shaped these societies. Politics and law, society and culture, environmental factors, and technology form the base from which the students will study ancient China, India, Japan, the Middle Ages, and the Renaissance in Europe. History, geography, political science, and other social sciences are integrated to form a well-rounded survey of civilization.

Social Studies 9

Pre-requisite: Social Studies 8

Social Studies 9 builds on the themes developed in Grade 8 and roughly covers the time period from 1700 to 1850. The course extends the study of European history with a survey of the political and social revolutions of England and France as well as the Industrial Revolution. The course concludes with the exploration, settlement, and development of North America.

Social Studies 10

Pre-requisite: Social Studies 9

Credits: 4

Social Studies 10 continues the development of Canadian history started in the previous year, from the end of New France to the turn of the 20th century. There is a strong emphasis on the history and geography of Western Canada, and in particular, British Columbia. Students also develop a clear understanding of the basic structures which make up our political systems and how these institutions have evolved over the past two centuries.

Social Studies 11

Pre-requisite: Social Studies 10

Credits: 4

Social Studies 11 builds on the development of Canada from the late 1800's to the present day. Students examine 20th century Canadian history in depth while also surveying significant world events of the century. Canada's political systems and laws are closely examined as well as the major ideological theories of this century. World population issues, food shortages, and resource depletion are examined in some detail.

Media Arts 11

Pre-requisite: IT 9

Credits: 4

This course is guided by the principles of learning: active participation, learning in a variety of ways and learning both individually and within a group. The media arts curriculum involves the development of skills related to photography, digital animation, graphic design, and page layout. Students will learn and incorporate the principles of design in their projects throughout the course.

Visual Arts 11

Pre-requisite: Visual Arts 10

Credits: 4

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and they will consolidate their practical skills. The students will design, create, and present images that reflect their individuality and creativity. Students will analyze art works and study aspects of Western art history as well as art forms from Canada and other parts of the world.

Visual Arts 12

Pre-requisite: Visual Arts 11

Credits: 4

This course focuses on the refinement of students' skills and knowledge in visual arts. Students will analyze art forms and use theories of art in analyzing and producing art. They will also increase their understanding of stylistic changes in modern and contemporary Western art, Canadian (including Native Canadian) art, and art forms from various parts of the world. Students will design, create, and present images that reflect their own individuality and creativity. In addition, students will explore career options related to media arts and develop skills useful in pursuing those options.

Fine Arts

Art

Visual Arts 8

Pre-requisite: Visual Arts 7

The purpose of this course is to enable students to develop fundamental art appreciation skills through production of two-dimensional works of art. Production activities may include drawing, painting, and printmaking. In addition, there is an emphasis on image development, design processes, usage of a variety of media and techniques as well as exploring current and historic art movements.

Visual Arts 9

Pre-requisite: Visual Arts 8

This course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials through working with a range of materials, processes, techniques, and styles. Students will learn and use methods of analysis and criticism, and they will study the characteristics of particular historical art periods, a selection of Canadian art, and the art of other cultures.

Visual Arts 10

Pre-requisite: Visual Arts 9

Credits: 4

This is a hands-on course in which students build on prior knowledge and are introduced to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined application of the elements and principles of design, incorporating the creative and design processes and the relationship between form and content. Students will also learn about the connections between works of art and their historical contexts. Course objectives may be achieved either through a comprehensive program or through a program focused on a particular art form (e.g. drawing, painting).

Civics 11

Prerequisite: Social Studies 10

Credits: 4

Civics 11 is a provincially examinable course falling under the subject area of Social Studies similar to disciplines in History and Geography. Concentrating on individual roles in society, government policy making, rights, and responsibilities of citizens in Canada and the global world, Civics 11 allows students to identify Canadian culture through a global perspective. This course combines elements of history, geography, and social studies by looking at contemporary Canadian issues and current events.

Geography 12

Pre-requisite: Social Studies 11 or Social Studies 10 and Principal's approval

Credits: 4

Geography 12 includes the study of physical geography, and humans and their environment. Students will explore the physical world (the Earth, water, atmosphere) and the interrelationships between human activity and the physical environment, particularly the consequences of human actions on the environment. This course integrates sciences (particularly earth science) with Social Studies.

History 12

Pre-requisite: Social Studies 11 or Social Studies 10 and Principal's approval

Credits: 4

History 12 engages students in applying the methods of historical inquiry to the study of the forces that have shaped the 20th century. The organization, content, and orientation of the curriculum reflect this purpose. While History 12 can be described broadly as a history of world affairs in the 20th century, it concentrates on the years between 1919 and 1991, with an emphasis on the West and its relation to world affairs.

Law 12

Pre-requisite: Social Studies 11 or Social Studies 10 and Principal's approval

Credits: 4

Law 12 is a comprehensive survey course of various fields of law designed to give an awareness of legal procedures and the rationale behind legal decisions. The course emphasis is on the Court System, Tort Law, Family and Criminal law. Other areas of study include Contract Law, the Charter of Rights and Law-making jurisdiction. Students explore the various connected issues through political-science, case studies, and real examples from their daily lives. The course helps to create an introduction into the ways and means of the Canadian legal system.

Other International Languages

Science

Science 8

Prerequisite: Science 7

Grade 8 Science is a general science course in which students investigate topics in biology, physics, chemistry, and Earth and space. Students explore the diversity of life in biology, energy in physics, matter in chemistry, and formation and classification of rocks and minerals in Earth and space. Students also investigate social and global issues related to science. Basic applied science skills will also be covered.

Science 9

Prerequisite: Science 8

Grade 9 Science is a general science course in which students investigate topics in biology, physics, chemistry, and Earth and space. Students explore body systems in biology; force and energy in physics; elements, compounds, and reactions in chemistry; and the solar system and universe in Earth and space studies. Basic applied science skills are also studied and learned.

Science 10

Prerequisite: Science 9

Credits: 4

Science 10 focuses on science and the world. It has been organized around five areas: Changes in Matter, Changes in the Environment, Ecology and Resource Management, Energy, and Life Functions. An emphasis will be placed on fostering positive science attitudes, developing the skills and processes of science, increasing scientific knowledge, and developing abstract thinking abilities.

Biology 11

Prerequisite: Science 10

Credits: 4

Biology 11 is grouped into six units of study: Adaptation and Evolution, Microbiology, Mycology, Plant Biology, Animal Biology, and Ecology. Emphasis is placed on laboratory work in the course. Organisms are used as the basis for inquiry in the development of the three major themes of Biology 11: unity and diversity, evolution, and ecological relationships. A mandatory part of this course will be an overnight field trip to the Bamfield Marine Science Centre on the West Coast of Vancouver Island in April 2009.

Challenge courses are designed for those students who are fluent in another language other than English. It is recommended that students challenge a Language 11 in Grade 10 and a Language 12 in Grade 11. Students who are challenging a Language 11 write the challenge examination in February 2009. The mark a student receives constitutes their entire grade for that course. Students who are challenging a Language 12 also write the challenge examination in February. This mark constitutes 60% of their final grade. Students write the provincial exam in June, which constitutes 40% of their final grade. Students receive 4 credits for each level of language challenged.

Students need to register to challenge a language by November 2008.

To receive an application package, see Ms. Bentley.

The following Languages may be challenged:

- Cantonese 11 and 12
- French 11 and 12
- Japanese 11 and 12
- Korean 11 and 12
- Mandarin 11 and 12
- Punjabi 11 and 12
- Spanish 11 and 12

French 12

Pre-requisite: French 11

Credits: 4

This course focuses on building sophistication and facility into an already sound knowledge base. Students will increase their working vocabulary set, and through an array of literary genres, will become more accurate and sophisticated in their expression and appreciation of written and spoken French.

Spanish**Spanish 8 - 9 (Entry)**

Prerequisite: N/A

Beginner's Spanish introduces students to Spanish pronunciation, basic grammar, and vocabulary. Through both oral and written work, students will develop fundamental Spanish proficiency using the present tense. Some study of Hispanic culture is also part of the course.

Spanish 10 - 11 (Introductory)

Credits: 4

Spanish 11 (Introductory) students develop and apply speaking skills in a variety of contexts, and will participate in activities that will improve reading, comprehension, and writing skills. Students expand their vocabulary and repertoire of language structures. Students will also study Hispanic cultures and customs.

Spanish 11 (Advanced)

Credits: 4

Pre-requisite: Spanish 11 (Introductory)

Spanish 11 is designed for the student who has successfully completed Spanish 11 (Introductory) and reached a level of proficiency to ensure continued success. This course offers students the opportunity to further develop their knowledge of Spanish and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature, and will continue to explore aspects of the culture of countries where the language is spoken through a variety of print and technological resources. This course meets the language requirement for university entrance.

Chemistry 11

Pre-requisite: Science 10

Credits: 4

Chemistry is concerned with the identification, characterization, and transformations of matter and energy changes accompanying these transformations. This is a general chemistry course covering a large number of topics: the structure of matter, reactions, stoichiometry, bonding, and organic chemistry. Students apply basic science skills in the laboratory in this course.

Earth Science 11

Pre-requisite: Science 10

Credits: 4

Earth Science 11 is a survey course that covers geology, astronomy, oceanography, and meteorology. In this course students learn about the materials that make up the earth and the processes that cause the earth to be a dynamic and changing place. Students then compare these processes with what happens on other planets. They also explore the special processes that occur in oceans. The interaction between the atmosphere, the sun, and Earth is also explored. This course typically includes many field trips.

Physics 11

Pre-requisite: Science 10

Credits: 4

Physics 11 is an introductory course to the amazing world of physics. Physics is fundamental to all sciences and how things in the world "work" in general. It covers the basics of Newtonian physics (the interaction between matter and energy) and surveys topics such as energy, waves, and light. The course touches briefly on more sophisticated topics such as special relativity. Students will need to understand concepts and be able to apply them, rather than simply memorizing them.

Biology 12

Pre-requisite: Science 10 and Principal's approval: Biology 11 recommended

Credits: 4

Biology 12 surveys the fundamentals of molecular biology, cell biology, and human biology. By the end of the course, all of these topics should integrate to inform students how their bodies work. Students will gain an appreciation for life and the complex processes that keep it going.

Chemistry 12

Pre-requisite: Chemistry 11

Credits: 4

This course covers three main topics: reaction kinetics, equilibrium, and oxidation-reduction. Equilibrium is further broken down into general equilibrium, solubility equilibrium, and acid-base equilibrium. Students also learn to apply theory and basic science skills to practical situations.

Physics 12

Pre-requisite: Physics 11

Credits: 4

Physics 12 students cover much of the same material initially as they did in Physics 11 but in two dimensions rather than one. Students investigate Newtonian physics with the additional applications of gravitation, torque and circular motion. Students then explore electromagnetism in more depth. The application of knowledge to new situations (problem-solving) is a major goal of the course. Physics 12 is more mathematically challenging than Physics 11.

Geology 12

Prerequisite: Science 10

Credits: 4

This course studies astronomy (origins of the universe, the relationship between sun, earth and moon, and space technologies and their applications), earth materials (rocks and minerals and their extraction and use of geological resources), geological time (the significance of age dating, the fossil record, and the Geological Time Scale), plate tectonic theory and the significance of seismology, and the Hydrosphere (characteristics and significance of the atmosphere, the function of the hydrologic cycle, weathering and erosion and the resulting features, features and processes associated with physical oceanography).

International Languages**French****French 8**

Pre-requisite: French 7

In French 8, there is a continued focus on oral work, in addition to an increased emphasis on written work. Students will be expected to express themselves using past, present, and future tenses of verbs and new vocabulary. Short stories, skits, and music will be used to demonstrate new language structures.

French 9

Pre-requisite: French 8

This course provides students with frequent opportunities to apply written and spoken language in authentic situations. Students will become competent in communicating in the past, present, and future tenses. Students will also move beyond basic language structures to add variety and interest to written and oral expression.

French 10

Pre-requisite: French 9

Credits: 4

Students will gain the vocabulary and language structures necessary to complete everyday tasks in a French context. Students will be exposed to more complex language structures and French culture, using authentic French videos, magazine articles, and literature.

French 11

Pre-requisite: French 10

Credits: 4

With an emphasis on understanding and creating more sophisticated pieces of writing, students will be exposed to a variety of verb tenses and more precise vocabulary. Oral comprehension and verbal skills continue to be a focus, as students will produce and present short plays and skits as well as examine those created by others.