



# ST PAUL'S HIGH SCHOOL

## GRADE TEN COURSES

### 2008-2009

#### REQUIRED COURSES

1. Religion 21G (1 credit)
2. Language Arts 20F (1.5 credits)
3. Geography 20G (1 credit)
4. Science 20F (1 credit)
5. Physical Education 20G (1 credit)
6. Mathematics 20S (1 credit)
  - Pre-Calculus
  - Applied
  - Consumer

#### ELECTIVES

Students must take two (2) credits from the electives listed below. **Please number four (4) electives in the order of preference, i.e. 1st, 2nd, 3rd, 4th.** If your first two choices are not available, the numbers indicate alternatives. In choosing, keep in mind university requirements.

1. Understanding Mass Media 21G (1 credit)
2. French 20G (1 credit)
3. Advanced French 20G (1 credit) (*May not be taken together with Junior Band*)
4. American History 20G (1 credit)
5. Music 20S (1 credit) (Please place a check in the correct choice below)
  - Jr. Concert Band (*May not be taken together with Advanced French*)
  - Sr. Concert Band
6. Art 20G (1 credit)
7. Multi-Media Applications 21G (1 credit)

#### EXTRA CREDIT COURSE

- Jr. Jazz Ensemble Music 25G. (.5 credit) Open to Sr. Concert band students. Audition required in September.
- Sr. Jazz Ensemble Music 25G (.5 credit) Open to Sr. Concert band students. Audition required in **March**.

**N.B.** Please remember that there is a limited enrolment in each elective. The school reserves the right to add or cancel courses depending on the number of students in that particular elective. If there are more applicants than the course can accommodate, the school **WILL** assign spaces in that elective starting with the student with the highest marks in previous relevant courses. The school also reserves the right to move the student to the next elective of his choice.



# ST PAUL'S HIGH SCHOOL

## GRADE TEN ELECTIVE COURSE DESCRIPTIONS

2008 – 2009

### REQUIRED COURSE OPTIONS:

#### **MATHEMATICS** (One of the following three courses must be chosen)

##### **PRE-CALCULUS MATHEMATICS 20S**

Pre-Calculus Mathematics is designed for students who intend to study calculus and related mathematics as part of their post-secondary education. The course comprises, primarily, a high-level study of theoretical mathematics with an emphasis on problem solving, mental mathematics, as well as cumulative exercises and testing. Students are required to learn mathematical concepts through practise and regular homework. Many of the exercises and problems are expected to be original or different from those presented in class. The student is expected to work both individually and in small groups and must demonstrate a high level of mastery in algebraic operations, an aptitude for problem solving and an ability to effectively communicate both in verbal and in written format the logical steps required to arrive at a solution. This course is designed for the student who enjoys synthesizing solutions given an abstract and theoretical framework. **This is a prerequisite for the Pre-Calculus 30S.** Students should have a final grade of 70% or more in Mathematics 10F to ensure future success in this program of study.

##### **APPLIED MATHEMATICS 20S**

Applied Mathematics is available for students planning to pursue post-secondary studies in mathematics and science. This curriculum is particularly directed to students planning to enter areas that require mathematics and technology based background. The course is data-driven. Students collect data from a wide array of sources in a series of experiments and activities. The student develops mathematical concepts through the analysis of this data. The components of the curriculum emphasize: technical communication, use of technology (all students use the TI 83 calculator), use of spreadsheets, and the use of specialized measuring devices (i.e. micrometers and calipers). The student is expected to work both individually and in small groups and must demonstrate responsibility, flexibility, and independence in his learning. This course is designed for the student who enjoys a visual/hands-on/concrete approach to mathematical ideas and concepts.

##### **CONSUMER MATHEMATICS 20S**

Consumer Mathematics 20S is intended for students whose post-secondary planning does not include a focus on mathematics and science related fields. The Consumer Mathematics program of study that will be completed with the 40S level is recognized by the universities as a mathematics elective for first year university entrance. This course is structured into two half courses emphasizing topics like problem analysis, analysis of games and numbers, wages and salaries, spreadsheets, trigonometry, spatial geometry, consumer decisions, geometry projects, personal banking, and probability and sampling, communication, number sense, patterns, problem solving, reasoning, technology, visualization and connections. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in a technological society. There is no pre-requisite to this course.

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**ELECTIVE COURSES:**

**UNDERSTANDING MASS MEDIA 21G**

This course recognizes the fact that, to a large extent, our world view is formed by our interaction with and use of the mass media. Thus, the course is intended to assist students in the development of critical thinking skills which will allow them to become more discriminating consumers of media products. The impact on our lives of media "texts" such as television programs, advertisements, popular music and examples drawn from the print media (newspapers/magazines), will be examined as a means by which students may become "media literate" and thus able to apply critical judgement to media texts which they encounter.

**FRENCH 20G**

The prerequisite for this course is Grade 9 French or the approval of the Department Head. This course is designed to reinforce and further develop the speaking and listening skills acquired at the Grade 9 level. The emphasis will be on everyday conversation. Students will be invited to improve their proficiency in French by participating actively in classroom discussions, by improvising skits in small groups and by working with interactive software in the Language Lab. Testing will include both written and oral examinations.

**ADVANCED FRENCH 20G**

Le cours de français secondaire un est pré-requis ou la permission du chef de département est requise.

Ce cours est axé sur l'expression orale. Il vise à approfondir les connaissances linguistiques des étudiants à travers l'étude de documents authentiques. Les étudiants seront appelés à visionner des bulletins d'informations, des films et des vidéo-clips; à faire des recherches sur Internet, à profiter des logiciels qui leur sont disponibles au laboratoire de langues, à monter plusieurs saynètes à partir du vocabulaire nouvellement acquis et à participer activement aux nombreuses discussions en classe. Ils auront à améliorer leur français écrit également en maîtrisant les concepts grammaticaux suggérés par le curriculum du Ministère et en faisant appel à la composition et à la création de saynètes/dialogues. Le cours est axé sur l'expression orale.

**AMERICAN HISTORY 20G**

This course is designed to provide Canadians with a survey history of our powerful neighbours, and to observe both the differences and similarities between our two countries. The course opens with the native people and the beginning of 13 British colonies. It then examines the American Revolution 1776-1783, a new form of government, another war with Britain in 1812, and the expansion of the U.S.A. to the Pacific Ocean. The Civil War 1861-65 is followed by industrialization, imperialism, and World War I. Isolationism and the Great Depression are ended by World War II. The last section of the course studies the movement for black civil rights, the Cold War, Korea, the tragedy of Viet Nam, the race for space, the resignation of Nixon; the present U.S.A. The textbook, class lectures and discussions are all supplemented by audio-visual materials. A basic knowledge of American geography is stressed throughout the course.

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**MUSIC 20G**

The prerequisite is good standing in Grade 9 music or the ability to demonstrate a comparable playing level on a band instrument. Grade 9 Advanced Band students continue their study of music in Concert Band One while Grade 9 Introductory Band students continue in Junior Band.

This is a performance-focused course that will continue the development of each student's musical skills and understanding through the playing of their instrument. The course also includes the study of music theory and music history.

**ART 20G**

There is no prerequisite for this course. Students will receive instruction in several painting and drawing techniques, as well as having the opportunity to experiment with a variety of media such as painting, printmaking, sculpture and ceramics. Students will be expected to maintain a working sketchbook, in which they will create drawings that are intended to develop their creativity while building technical skills.

**MULTI-MEDIA APPLICATIONS 21G**

This course will explore the world of multimedia applications using a theoretical and practical approach. Each student will be required to use his multimedia knowledge and creative talents to assist in the completion of projects within the St Paul's and surrounding communities. Topics to be studied include multimedia project management, 2D & 3D graphics and animation, web page design and implementation, and video pre-production and production.

The software tools to be used include Final Cut Express, Adobe Creative Suite (Photoshop, Dream Weaver and Flash) as well as the Apple iLife Series (iWeb, iDVD, and GarageBand).

**Music 25G (.5 credit)**

**Jr. Jazz Ensemble** is an introductory level half-credit course in jazz music that is open to students from Grade 9 to Grade 12. Admission to Jr. Jazz Ensemble is by audition only. Auditions take place during the first couple of weeks of classes. Audition music will be distributed to interested students during the first few concert band classes. Jr. Jazz Ensemble meets two mornings per week outside of the regular schedule.

**Sr. Jazz Ensemble** is an advanced exploration of the jazz stylings – swing, latin, funk, and rock. The course is performance focused. An audition is required and takes place in March prior the upcoming school year.

No previous jazz experience is required for Jr. Jazz Ensemble, yet is an asset. Good standing in Jr. Jazz Ensemble is a prerequisite for Sr. Jazz Ensemble. **It is expected that students who wish to take either jazz ensemble must be enrolled in the Concert Band program.**