Take care of Yourself
Take care of Each Other
Take care of This Place

To Career and Life Links
Welcome...

TO THE 2013/2014 COURSE PLANNING PROCESS!

This Course Selection Guide has been written to assist you with the important task of arranging your academic program for next year. As you make decisions, please take the process seriously, remembering that your choices have a direct impact on your future, program sustainability and staffing. With accurate information at the beginning of the process, we can build a schedule that best meets your needs.

Yale provides a wide range of programs designed to serve a diverse population. Take time to seek advice from teachers, counsellors, and your parents as you make decisions for next year. Build a program for yourself that is challenging and will expose you to the knowledge, skills and attitudes that will give you momentum as you move beyond high school.

Best wishes for a successful 2013/2014 school year at Yale. Please contact us if you require assistance.

Jay Pankratz
Principal

“TAKING CARE OF THE PRIDE”
CONTACTS AND REGISTRATION PROCEDURES

Administrators

Principal: Mr. Jay Pankratz
Vice Principal: Mrs. Lisa Burdeyny (A-K)
Vice Principal: Mr. Gary Macdonald (L-Z)

Counsellors

Counsellors provide help in a variety of areas which include: timetabling, personal counselling, advocating for students, arranging assistance, post-secondary options, career planning, scholarships and bursaries.

  Mrs. Susanna Perry (A-G)
  Ms. Cindy Baldwin (H-N)
  Mr. Lorne Bartlett (O-Z)

To Register to Attend Yale Secondary

If you live outside of Yale’s catchment area, or are within the catchment but not currently attending Yale, you must make an admission appointment with a Vice-Principal. If you are unsure whether or not you live within Yale's catchment, contact us at 604-853-0778.

NOTE: Yale's Counsellors will be hosting a registration for new students on April 10th, 2013 at Yale between 5 and 6 pm. This session is only open to students who have been pre-approved to register by a Vice-Principal.

Course Planning

Course planning for students attending Yale occurs between February and May. Counsellors meet with classes to explain graduation requirements, post-secondary options and entrance requirements and to inform students about courses offered. Parents are included in this process, as students bring home course planning forms for discussion. Additional course planning information can be found at www.yalesecondary.com

Changing Courses

A. Before September

Students have an opportunity to change course selections for the following year after course planning has been completed. Grade 11 and 12 students also have an opportunity to change courses for September during the last week in August.

B. During the school year

There is a brief opportunity to change first semester courses during the first week of school and second semester courses any time before the end of the first week of the second semester.

Changes are dependent on available space in classes and are not guaranteed.
THE GRADUATION PROGRAM

Grades 10 to 12 – A minimum of 80 credits are required for graduation (equivalent to 20 four credit courses)

48 credits are Required Courses, including:
- Language Arts 10 (4 credits, provincial exam: 20% of mark)
- Language Arts 11 (4 credits)
- Language Arts 12 (4 credits, provincial exam: 40% of mark)
- Social Studies 10 (4 credits)
- Social Studies 11 or BC First Nations Studies 12 (4 credits, provincial exam: 20% of mark)
- Science 10 (4 credits, provincial exam: 20% of mark)

- a Science 11 or 12 (4 credits)
- Common or Apprenticeship Mathematics 10 (4 credits, provincial exams: 20% of mark)
- Pre-calculus, Foundations or Apprenticeship Math 11 (4 credits)
- Physical Education 10 (4 credits)
- Fine Arts or Applied Skills 10, 11 or 12 (4 credits) *see below
- Planning 10 (4 credits)

4 credits for Grad Transitions
28 credits are Elective Courses

You need a minimum of 5 courses at the Grade 12 level including Language Arts 12 and Grad Transitions

Detailed information can be found on the Ministry of Education website: http://www.bced.gov.bc.ca/graduation/grad2004.htm

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<th>GRADE 10</th>
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<td>• Social Studies 10</td>
<td>• Social Studies 11</td>
<td>or Communications 11</td>
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<td>• Science 10 (Honours)</td>
<td>• a Science 11: Earth Science 11, Biology 11 (Honours), Chemistry 11 (Honours)</td>
<td>or Communications 12</td>
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<td>or Apprenticeship Math 10</td>
<td>or Physics 11 (Honours)</td>
<td>• a grade 12 elective</td>
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<td>• a Math 11, Pre-calculus 11 (Honours), Foundations 11,</td>
<td>• a grade 12 elective</td>
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<td>• Planning 10</td>
<td>or Apprenticeship &amp; Workplace Math 11</td>
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**Students are required to have at least one course from the list below in order to graduate.**

Accounting 11
AP 2-D Design Portfolio
AP Musical Theory
Applied Skill Assistant 12
Art Foundations 11
Art Foundations 12
Automotive Tech 11
Automotive Tech 12
Business & Investment Management 11
Business Computer Applications 11
Carpentry & Joinery 11
Carpentry & Joinery 12
Computer Graphics 11
Computer Graphics 12
Concert Band 10, 11, 12
Concert Choir 10, 11, 12
Data Management 12
Desktop Publishing 11
Drafting & Design 11
Drafting & Design 12
Drama 10
Entrepreneurship 12
Family Studies 11
Family Studies 12
Fine Arts Assistant 11: Theatre
Food Studies 11
Food Studies 12
Guitar 11
Horticulture 11
Jazz Band 10, 11, 12
Metal Fab & Machining 11
Metal Feb & Machining 12
Musical Theatre 11
Robotics 12
Secondary School Apprenticeship 11
Student Leadership 11
SA 11: Ceramics & Sculpture
SA 11: Drawing & Painting
SA 11: Drawing & Painting Honours
SA 11: Printmaking & Graphic Design
SA 12: Ceramics & Sculpture
SA 12: Drawing & Painting
SA 12: Printmaking & Graphic Design
Technology Ed: Mechanics 10
Technology Ed Woodwork 10
Textile Studies 11, 11, 12
Theatre Performance 11: Acting
Theatre Performance 12: Acting
Visual Art 10 (General, Honours, C&S)
VA: Media Arts 11
VA: Media Arts 12
COURSES OFFERED

ENGLISH
*English 10
*English 10 Honours
Communications 11
English 11
English 11 Honours (Lit 12)
*Communications 12
*English 12
English 12 AP (Lit & Comp)
*English 12 Honours
*Communications 12
*English 12 Honours (Lit 12)
*Communications 12
*English 12 Honours (Lit 12)

SOCIAL STUDIES
Social Studies 10
*Social Studies 11
Comparative Civilizations 12
Geography 12
History 12
Law 12

MODERN LANGUAGES
French 10
French 10 Honours
Japanese 10
Spanish 10
Beginning Japanese 11
Beginning Spanish 11
French 11
French 11 Honours
Japanese 11
Spanish 11
French 12
French 12 AP
Japanese 12
Spanish 12

MATHEMATICS
*Apprenticeship Math 10
*Common Math 10
*Common Math 10 Honours
Apprenticeship Math 11
Foundations of Math 11
Pre-calculus Math 11
Pre-calculus Math 11 Honours
Pre-calculus Math 12
Calculus 12
Calculus 12 AP

SCIENTES
*Science 10
*Science 10 Honours
Biology 11
Biology 11 Honours
Chemistry 11
Chemistry 11 Honours
Earth Science 11
Horticulture 11
Lab Assistant 11
Physics 11
Physics 11 Honours

Biology 12
Biology 12 AP
Chemistry 12
Chemistry 12 AP
Geology 12
Physics 12
Physics 12 AP

PHYSICAL EDUCATION
PE Leadership 10
Physical Education 10
PE Leadership 11
Physical Education 11
Super Fit 11 (Boys or Girls)
Personal Fit 12 (Boys or Girls)
Physical Education 12

PSYCHOLOGY & PERSONAL PLANNING
Grad Transitions
Planning 10
Psychology 11
Psychology 12 AP

BUSINESS EDUCATION
Accounting 11
Business & Invest Mgmt 11
Business Computer Appl. 11
AP Microeconomics 12
Data Management 12
Entrepreneurship 12

HOME ECONOMICS
Textile Studies 10
Family Studies 11
Food Studies 11
Textile Studies 11
Family Studies 12
Food Studies 12
Textile Studies 12

TECHNOLOGY
CORE Construction Prep
Desktop Publishing 10
Tech Ed: Mechanics 10
Tech Ed: Woodwork 10
Automotive Tech 11
Carpentry & Joinery 11
Computer Graphics 11
Desktop Publishing 11
Drafting & Design 11
Metal Fab & Machining 11
AT 12: Electricity & Electronics
AT 12: Engine & Drive Train
Automotive Tech 12
C&J 12: Furniture Construction
C&J 12: Woodcraft Products
Carpentry & Joinery 12
Computer Graphics 12
Desktop Publishing 12
Drafting & Design 12
Metal Fab & Machining 12
Robotics 12

YEARBOOK
Yearbook 10
Yearbook 11
Yearbook 12

LEADERSHIP
Student Leadership 10
Student Leadership 11
Link Crew 11
Student Leadership 12

DRAMA
Drama 10: General
Fine Arts Assist 11: Theater
Theatre Perform 11: Acting
Theatre Perform 12: Acting

MUSIC
Concert Band 10
Concert Choir 10
Concert Choir 11
Jazz Band 10
Musical Theatre 10
Concert Band 11
Concert Choir 11
Guitar 11
Jazz Band 11
Musical Theatre 11
AP Musical Theory 12
Concert Band 12
Jazz Band 12
Musical Theatre 12

VISUAL & STUDIO ARTS
Visual Arts 10: General
Visual Arts 10: General H.
VA 10: Ceramics & Sculpture
Art Foundations 11
SA 11: Ceramics & Sculpture
SA 11: Drawing & Painting
SA 11: Drawing & Painting H.
SA 11: Printmkg & Graphics
VA: Media Art 11
AP 2-D Design Portfolio
Art Foundation 12
SA 12: Ceramics & Sculpture
SA 12: Drawing & Painting
SA 12: Printmkg & Graphics
VA: Media Art 12

PEER HELPERS
Fine Arts Assistant 11: Art
Fine Arts Assistant 11: Music
Peer Tutoring 11
Applied Skill Assistant 12
Community Services 12
Peer Tutoring 12

Bolded and underlined courses at the grade 12 level are considered academic & satisfy some university entrance requirements.

Courses with an * have mandatory provincial exams.
What is Advanced Placement?

The Advanced Placement Program® is a cooperative educational endeavor between secondary schools and colleges and universities. AP, which was developed by the U.S. College Board in 1955, offers students the opportunity to take college level courses while still in high school. Students earning a 3 or 4 on the AP exam can earn either university credit or advanced placement.

What is the difference between Advanced Placement and International Baccalaureate?


What are the advantages of AP?

You choose!
• Students can take one AP class or several - it’s your choice!

Challenge!
• By taking AP courses in high school, you will experience the challenge, rigor and depth of college level courses while still in secondary school. AP courses are an impressive addition to university and scholarship applications.

Preparation!
• You will learn what college level courses are like and develop the skills necessary to be successful in college or university.
• “College entrance exams reveal that young people who take challenging classes, such as Advanced Placement courses, perform better than their peers regardless of their family or financial background.” Rod Paige, U.S. Secretary of Education

University and College Recognition!
• Students with a “qualifying grade” (3+) can earn either credit or advanced placement at thousands of colleges and universities worldwide.

How many colleges accept AP grades?

More than 90 percent of the colleges and universities in the United States and Canada, as well as colleges and universities in 21 other countries, have a policy granting incoming students credit, placement, or both, for qualifying AP Exam grades. The best source of specific and up-to-date information about an individual institution’s policy is its calendar or web site. — AP Program

How far reaching is the AP community?

• AP courses are offered in over 14,000 schools worldwide and in 546 school across Canada. Nearly 60 percent of U.S. high schools participate in the AP Program. • In 2010, nearly 1.9 million AP Exams were administered worldwide to 1.4 million students. — AP Program
Did you know that....

A student may enter a Pre-AP Honours course at the recommendation of their teacher even if they took the regular pre-requisite course. This means that there are multiple points of entry to the program.

- Answers in the Tool Box, a recent U.S. Department of Education study, reports that participation in AP and other challenging high school courses is one of the strongest predictors of college success.
- B.C. has the highest AP participation rate in Canada: over 5300 students in 153 schools in B.C. wrote over 8500 AP exams in 2010.
- Over the past 5 years, Yale’s AP exam results have averaged over 10% higher than the rest of the province and over 30% higher than the global average.
- College faculty report that AP students are far better prepared for serious academic work.
- By taking the appropriate 4 AP courses, students can earn the AP International Diploma

What options are there for AP at Yale Secondary School?

Pre-AP

| H. English 9 | H. English 10 | H. English 11 (includes Lit 12) |
| H. Math 9 | H. Common Math 10 | H. Pre-Calculus Math 11 |
| H. French 9 | H. French 10 | H. French 11 |
| H. Visual Art 10 | H. Studio Art Draw & Paint |

AP

| AP English 12 |
| AP Calculus 12 |
| AP French 12 |
| AP 2D Design Portfolio |
| AP Psychology 12 |
| AP Physics 12 |
| AP Biology 12 |
| AP Chemistry 12 |
| AP Microeconomics 12 |
| AP Musical Theory 12 |

For more info see these web sites:
http://www.ap.ca/ or http://apcentral.collegeboard.com/apc/Controller.jsp

Contact
Ms. Cheri Smith, AP Coordinator
Phone: 604-853-0778 (ext 2208) E-Mail: cheri_smith@sd34.bc.ca
ACADEMIES          CO-ORDINATOR: MR. BILLY WILMS

Baseball Academy

The Yale Baseball Academy is an elite, skills-based program that specializes in high performance training and elite-skill development of baseball / softball athletes during school hours. This program provides the best coaching, training, and facilities in BC. We operate out of beautiful Delair Park in Abbotsford, BC as well as our 10,000 sq. ft. Abbotsford Recreation Centre and Abbotsford Show Barn. Our goal at Yale Secondary is to promote academic and athletic excellence. We are open to all players of all abilities; however, we recommend 4 years of playing experience under BC Minor, Little League, or the BC Premier Baseball League.

Hockey Academy

The Yale Hockey Academy is an elite, skills-based academy that specializes in high performance training and elite skill development of athletes during school hours. We operate out of Yale Secondary School as well as utilizing ice times at the rinks in Abbotsford. The Academy will run three streams: 1) YHA U16 – A competitive High Performance Travel Team, 2) YHA White – An elite skill development group for Bantam A1 and Midget A1 players, and 3) YHA Gold – A skill development group designed for developing/rec players. We are open to all players of all abilities; however, we recommend at least 4 years of minor hockey experience prior to applying.

Check out the website at www.yalesportacademy.com

CAREER PROGRAMS               FACILITATOR: MR. CLAYTON RADONS

Work Experience 12

WEX 12 is a 4 credit course, designed to help students prepare for the transition from secondary school to the world of work. Through work experience, students observe and practice employability skills required in the workplace, as well as technical and applied skills relating to specific occupations. This course is done outside of the timetable.

Credit is given in the student’s grade 12 year when they have completed the 120 hours of work experience and the related evaluative and reflective assignments.

This work can be arranged with the Work Experience Coordinator (Mr. Radons) or can be done as part of a job that is approved and evaluated by the Coordinator.

Completion of WEX 12 also meets the requirements of the Community Connections part of Graduation Transitions.

Secondary School Apprenticeship

SSA is an opportunity for students who work in an apprenticeable trade to
• Receive credits toward graduation while working (up to 16 credits)
• Use logged hours (up to 480 hours) towards apprenticeship training
• Qualify for $1000 scholarship

Students interested in this opportunity should meet with the Career Coordinator (Mr. Radons) for help with registering for this program. Work hours can be completed during summer and other vacations, after school or weekends, or during a semester of working while the student is away from school.

Courses are numbered SSA 11A, SSA 11B, SSA 12A, SSA 12B. Each has the requirement of 120 hours of paid work with a qualified journeyperson.

More information can be found at www.itabc.ca under ‘Students’. 
SELECTING COURSES CAN BE CHALLENGING AND CONFUSING. IT IS MUCH EASIER IF YOU HAVE AN IDEA OF WHAT YOU WANT TO DO ONCE YOU GRADUATE AND WHAT IS NEEDED TO MAKE THAT HAPPEN. IF YOU DON’T KNOW EXACTLY WHAT YOU WANT TO DO, THEN IT MIGHT BE WISE TO TRY TO KEEP YOUR OPTIONS OPEN SO YOU HAVE A NUMBER OF DIRECTIONS TO Pursue ONCE YOU GRADUATE. HERE ARE SOME QUESTIONS TO CONSIDER AS YOU PLAN YOUR COURSES FOR NEXT YEAR:

1. **Do I want to pursue studies in Business, Science or Health Science?**
   Business, Science and Health Science programs at universities and other post-secondary institutions have specific Math and Science entrance requirements. Consult the calendar of each institution you are considering attending to learn their individual requirements.

2. **Do I want to pursue studies in technology or trades?**
   Many technology programs do require higher levels of Math and may have upper level Science requirements as well. Trades programs have a range of Math requirements depending on the trade. Consult the calendar of each institution you are considering attending to learn their individual requirements.

3. **Do I want to pursue studies in the Humanities?**
   Bachelor of Arts programs generally require English 12 and three other academic grade 12 courses. Some institutions, like UFV, require English 12 and two other academic grade 12 courses. Smaller universities also offer other opportunities to study without being formally attached to a degree program. Consult the calendar of each institution you are considering attending to learn about their individual requirements.
ENGLISH

English 10  (EN 10)  4 credits
Prerequisite: English 9
English 10 builds on the key concepts learned in English 9. Language is fundamental to thinking, learning, and communicating in all cultures. As students come to understand and use language more fully, they are able to enjoy the benefits and pleasures of language in all its forms. Students will be provided with opportunities for personal and intellectual growth through speaking, listening, reading, viewing, writing, and representing to make meaning of the world and to prepare them to participate effectively in all aspects of society. Students will experience the power of language by dealing with a range of texts. As they progress through the levels of English, students will encounter more complex texts, and should become more critical, creative and articulate in their own use of language.

There is a required Provincial Exam at the end of this course worth 20% of the final mark.

English 10 Honours  (EN 10)  4 credits
Prerequisite: Teacher Recommendation
English 10 Honours is a pre-AP course that offers a combination of English 10 content and Advanced Placement with a focus on mythological and Biblical allusions. Highly motivated students will be challenged and their analytical skills in reading and writing will be enhanced. Students will read approximately one piece of literature and will write one literary essay every two weeks in addition to class discussions and presentations. The course is demanding and students will be required to manage the work load, but those who do will have a lot of fun. The honours course is designed as a stepping-stone into English 11 Honours and AP English 12 (AP Literature and Composition).

There is a required Provincial Exam at the end of this course worth 20% of the final mark.

ESL (English as a Second Language)  0 credits
During this course students will develop an intermediate level of communicative competence in the areas of listening, speaking, reading, and writing. Students will develop an understanding and appreciation of cultural differences and similarities. Throughout the course the students will participate in selected meaningful, real-life situations. Students will develop some academic language proficiencies in order to begin to integrate into academic classes.

English 11 LE  (EN 10)  4 credits
This course meets the Ministry Graduation Requirement for English 10. The purpose of this course is to prepare ESL students for enrolment and successful participation in prescribed senior English courses. It is also designed to give ESL students graduation credit for English 10, while allowing them to continue to develop as ESL students through explicit language instruction. We emphasize 1) acquiring academic language skills, 2) developing an understanding of designated core content in English literature, 3) preparation for the Provincial Exam in English 10. This course is intended for intermediate – advanced English language learners.

Prerequisite: 60 % or higher in English 10
English 11 builds on the key concepts learned in English 10. Language is fundamental to thinking, learning, and communicating in all cultures. As students come to understand and use language
more fully, they are able to enjoy the benefits and pleasures of language in all its forms. Students will be provided with opportunities for personal and intellectual growth through speaking, listening, reading, viewing, writing, and representing to make meaning of the world and to prepare them to participate effectively in all aspects of society. Students will experience the power of language by dealing with a range of texts. As they progress through the levels of English, students will encounter more complex texts, and should become more critical and analytical of how others use language, as well as more creative and articulate in their own use of language.

There is a department exam at the end of this course worth 20% of the final mark.

English 11 Honours / Lit 12 (EN 11/ LIT 12) 8 credits

English 11 Honours is a demanding blend of the regular English 11 course and English Literature 12, intended for mature and highly motivated students. The course is an AP prep course that develops appreciation for Literature from the beginning of language to modern day. The course develops mature use of written language. This course provides excellent preparation for the writing, speaking and critical thinking required in college and university classes. Entrance to this course is by permission of the instructor, based on English 10 Honours marks, the student's portfolio, and teachers' recommendations. This course is a prerequisite for English 12 Honours / AP Literature.

There is a required Provincial Exam at the end of this course worth 40% of the final mark.

Communications 11 (COM 11) 4 credits

Communications 11 is an everyday English course that focuses on day-to-day requirements of the English language including: non-fiction, technical writing, letter writing and more. Students who earn 60% or lower in English 10 should take Communications 11. After passing Communications 11, students have the choice of taking English 11 or Communications 12 – depending on their final grade and their career goals. Communications 12 fulfills the Language Arts 12 requirement for graduation. Students can gain entry into some universities, colleges or technical programs with Communications 12.

English 12 (EN 12) 4 credits

Prerequisite: English 11

English 12 builds on the key concepts learned in English 11. Language is fundamental to thinking, learning, and communicating in all cultures. As students come to understand and use language more fully, they are able to enjoy the benefits and pleasures of language in all its forms. Students will be provided with opportunities for personal and intellectual growth through speaking, listening, reading, viewing, writing, and representing to make meaning of the word and to prepare them to participate effectively in all aspects of society. Students will experience the power of language by dealing with a range of texts. As they progress through the levels of English, students will encounter more complex texts and should become more critical and analytical of how others use language, as well as more creative and articulate in their own use of language.

60% or higher in English 11 is recommended.

There is a required Provincial Exam at the end of this course worth 40% of the final mark.

AP English Literature 12 (AELC 12) 8 credits

Prerequisite: English 11 Honours with Literature 12

English 12 Honours is a challenging and ambitious program offered to highly motivated and successful students. It encompasses both the requirements of the English 12 course and the Advanced Placement Literature program, and provides students with reading and writing experiences that equal those of a first year university course. The AP course in English engages students in the careful reading and critical analysis of imaginative literature. Students develop critical standards for interpreting the effects writers create by means of the artful manipulation of language. Entrance to this course is by permission of the instructor, based on English 10 and 11 marks, and teachers' recommendations.

There is a required Provincial Exam at the end of this course worth 40% of the final mark.

Career and Life Links: AP Lit offers students critical thinking skills for life. Many colleges and universities grant first year credit to students receiving an acceptable score on the advanced placement exam, which is written in May.
Communications 12 (COM 12) 4 credits
Communications 12 is an everyday English course that focuses on day-to-day requirements of the English language including: non-fiction, technical writing, letter writing and more. After passing Communications 11, students have the choice of taking English 11 or Communications 12 – depending on their final grade and their career goals. Communications 12 fulfills the Language Arts 12 requirement for graduation. Students can gain entry into some universities, colleges or technical programs with Communications 12, but students should check entrance requirements for the desired program at the post-secondary institution they are applying to.

There is a required Provincial Exam at the end of this course worth 40% of the final mark.

English Literature 12 (LIT 12) 4 credits
English Literature 12 is a survey course that touches on the most well-known literature from the Anglo-Saxon period to the earliest 20th century. Samples of literature from each period are studied in an historical context, allowing students to see the growth and development of English literature. Students taking this course should enjoy reading and appreciate literary techniques. This course develops mature use of written language.  
Career and Life Links: This course provides excellent preparation for the writing, speaking and critical thinking required in college and university classes.

Social Studies 10 (SS 10) 4 credits
Social Studies 10 studies Canadian History and the development of the Canadian West from 1800 to 1900. Additional themes will include; Canada and the Pacific Rim, Canadian geography, industry, lifestyles and an in depth study of British Columbia from exploration to modern times with emphasis on our economy and resources.

There is a required Provincial Exam at the end of this course worth 20% of the final mark.

Social Studies 11 (SS 11) 4 credits
In grade 11, students continue their study of contemporary Canada by examining government and politics and by examining Canadian society and our relations with the rest of the world. A global perspective is gained by investigating such major concerns as population growth, the distribution of resources, and the impact of technology on contemporary society. A major component is Canadian History from the turn of the century to present day.

There is a required Provincial Exam at the end of this course worth 20% of the final mark.

Writing 12 (WR 12) 4 credits
Writing 12 offers students a variety of ways to improve and broaden their writing skills. It includes a balance of teacher-directed exercises and assignments and student-directed ones. Units of study generally include journalism, poetry, short fiction, and screenwriting. Students also learn how to create manuscripts and how to find markets for their writing with the goal of becoming published writers. Students in grade 11 can take this course with teacher permission. 
Career and Life Links: This course is ideal for students planning a career where excellent written skills are a must. Some examples include journalism, publishing, advertising, and law.

Perhaps even more importantly, students learn the joy of creating something themselves, which can spark a life time of writing.

SOCIAL STUDIES

Geography 12 (GEO 12) 4 credits
Prerequisite: SS 11 or Earth Science 11, minimum C+ is recommended
Geography 12 is a study of how the physical environmental systems and relationships are organized on the earth's surface and how people are organized and distributed over the earth in space and time. It is divided into two sections: Physical Geography and Human Geography.

Physical Geography includes:
• Map reading skills and an elementary knowledge of aerial photography.
• Forces that have shaped landscapes, e.g. Rivers, volcanism and glaciations.
• Climatology and its effect upon the environment; and,
• Vegetation cover and the relationship between the various elements that control the physical environment.
Human Geography includes:

- The human impact on the environment.
- A study of world natural resources and management.

Career and Life Links: This course is recommended for students interested in careers in forestry, mining, environmental management, civil engineering, conservation and is also relevant to teaching.

History 12 (HI 12)  
Prerequisite: Social Studies 11  
4 credits

History 12 covers World History in the 20th Century, including the major social, political and economic forces that have shaped the world in which we live. The major topics covered will be: the skills of the historian, the Second World War, the Superpowers and the Cold War, the USA in the 20's and the 30's, the world of 1919, the rise of the dictators, the world today and the Middle East, India and China. Students must be able to write essays and have excellent reading skills. It is strongly recommended that students wishing to enroll in this course obtain at least a C+ in Social Studies 11 and English 11.

Career and Life Links: This course is recommended for students interested in research oriented careers such as journalism, international relations, law and the civil service. Also relevant for those considering teaching.

Comparative Civilizations 12 (CCN 12)  
Prerequisite: Social Studies 11  
4 credits

Comparative Civilizations 12 is a course that surveys major civilizing episodes in the sources of world civilizations. Students study 3-4 representative world civilizations from a number of selected time periods and locations. There are comparisons made with regard to architecture, philosophy, etc. in these cultures.

There is also an independent study component to the course. Each student chooses a civilization that is of particular interest and then completes various assignments based on that civilization.

Career and Life Links: This course is recommended for anyone interested in research oriented careers such as journalism or for students pursuing study in the social sciences and humanities.

Law 12 (LAW 12)  
Prerequisite: Social Studies 11  
4 credits

This course is designed to allow students to become familiar with both criminal and civil law in Canada. It is an introductory course and is taught by the "casebook" method in which students read details of an actual legal case and attempt to answer questions following that case, based on research and textbook information. Students will also visit the Provincial Court and gain firsthand experience into the workings of the Canadian legal system. Law 12 is not designed to train lawyers but will give students a broad general concept of the realities of the Canadian legal system as well as an understanding of the terms and rules that govern it.

Career and Life Links: This course is recommended for students interested in careers in policing or law. It is also relevant to teaching careers.

NOTE: This course is an academic elective and requires above average reading, writing, and thinking skills. Students enrolling would be well advised to have a C+ average in Social Studies 11 and English 11.
MODERN LANGUAGES

Career & Life Links for Languages: Taking language classes helps develop effective communication skills and encourages an awareness of cultural differences, which is invaluable in our multicultural world. Also, for an advantage in the global job market, having learned any additional language is a benefit. In addition to English, a technician who knows Japanese, the head of a company who knows French, or a salesperson who knows Spanish can work successfully with many more people and in many more places than someone who knows only one language.

French 10 (FR 10) 4 credits
Prerequisite: French 9 or French 9H.
This course builds on the key concepts acquired through French. In this course, interesting themes such as family and friendships, fashion and survival in a French-speaking location are used to introduce vocabulary, grammar and francophone culture. Through these themes, oral and written communication skills are practiced. Successful completion of French 9, 10 and 11 will meet the basic language requirement for university/college entrance in BC.
A “C+” average in French 9 is recommended.

French 10 Honours (FR 10) 4 credits
Prerequisite: French 9 or French 9H (and teacher permission)
This course reinforces and extends the themes, the vocabulary and the grammatical constructs of French 10. In addition, a news broadcast project, as well as more involved verb tenses and grammatical structures are introduced. Through French 10H, students who are able, inquisitive and interested in this language will have the opportunity to learn effective oral and written communication skills while continuing to explore unique French cultures across the globe. Successful completion of French 10H will prepare students for French 11 H.
An “A” average in French 9 or a “B” average in French 9H, as well as teacher permission is recommended.

French 11 (FR 11) 4 credits
Prerequisite: French 10 or 10H
This course builds on the key concepts acquired through French 10. There is a greater emphasis on speaking and writing than in previous French courses. Vocabulary and grammar are introduced through various interesting themes such as health, family and friends, travel and tourism as well as science and nature. Some students who are taking Arts in university are not aware that they not only need a language 11 to enter into the program, but that they may also need a language 12 to graduate. Students who successfully complete this course will have met the requirements for entrance to a B.C. university.
A “C+” average in French 10 is recommended.

French 11 Honours (FR 11) 4 credits
Prerequisite: French 10 or French 10H (and teacher permission)
This course was designed to help prepare students who are interested in taking French 12 or French 12 AP. The course will move more quickly and will cover more grammar than the regular stream. Vocabulary and grammar are introduced through various interesting themes such as health, family and friends, travel and tourism as well as science and nature. There is a greater emphasis on both speaking and writing than in the subsequent French courses. Some students who are taking Arts in university are not aware that they not only need a language 11 to enter into the program, but that they may also need a language 12 to graduate. Students who successfully complete this course will have met the requirements for entrance to a B.C. university.
A “B” average in French 10H is recommended.
French 12  (FR 12)  4 credits  
Prerequisite: French 11 and teacher recommendation

This course will not only place emphasis on the oral aspect of the language, but it will also place great importance on the written. Vocabulary and grammar are introduced through various interesting themes such as health, sports and leisure, family and friends, travel and tourism, music and media, technology, as well as science and nature. A children’s story in French is a major project and has been consistently enjoyed by students. By the end of French 12, students will have very effective communication skills in the target language.

A “B” average in French 11 or 11H is recommended.

AP French 12  (AFRL 12)  8 credits
Prerequisite: French 11 Honours or Teacher’s permission  
Requirement: French-English dictionary

This course is designed to challenge those students who already have a solid command of French grammar and vocabulary as well as competence in listening, speaking, reading and writing. Comparisons between Francophone cultures and the student’s culture, in the oral/aural and written aspects, are a major theme in the course, preparing students for the AP exam.

An “A” in French 11H is recommended.

Japanese 10  (JA 10)  4 credits  
Prerequisite: Japanese 9

The Japanese language courses offer an alternate foreign language to students, and serves as the basic language requirement for university entrance in B.C.

Japanese 10 is a continuing course designed to integrate all literacy skills through communication in everyday situations. In addition to applying basic grammatical structures (identification, existence, description, and expressing action), students engage in listening activities, conversation based on scripted dialogues, and reading & writing practices of the hiragana & katakana syllabaries, as well as Kanji (Sino-Japanese characters). Emphasis is placed on building vocabulary, on cultural awareness, and on sentence construction.

Realistic situations (such as daily routine, house chores, family, hobbies, entertainment, etc.) and an interactive approach prompt students to diversify their vocabulary and to actively use the target language in cultural contexts.

Japanese 11  (JA 11)  4 credits
Prerequisite: Japanese 10

The Japanese language courses offer an alternate foreign language to students, and serves as the basic language requirement for university entrance in B.C.

Japanese 11 is a continuing course designed to integrate all literacy skills through communication in everyday situations. In addition to applying basic grammatical structures (identification, existence, description, and expressing action), students engage in listening activities, conversation based on scripted dialogues, and reading & writing practices of Kanji (Sino-Japanese characters) while refining their hiragana & katakana skills. Emphasis is placed on building vocabulary, on cultural awareness, and advanced grammar for sentence construction.

Realistic situations (such as going on an outing, visiting the zoo, part-time jobs, errands, casual conversations, etc.), and an interactive approach
prompt students to diversify their vocabulary and to actively use the target language in cultural contexts.

Japanese 12 (JA 12) 4 credits
Prerequisite: Japanese 11
The Japanese language courses offer an alternate foreign language to students, and serves as the basic language requirement for university entrance in B.C.

Japanese 12 is a continuing course designed to integrate all literacy skills through communication in everyday situations. In addition to practicing advanced grammatical structures, students engage in listening activities, conversation based on scripted dialogues, and reading & writing practices of Kanji (Sino-Japanese characters) while refining their hiragana & katakana skills. Emphasis is placed on reading and writing the Sino-Japanese characters, on cultural awareness, and advanced grammar for sentence construction. Realistic situations (such as making phone calls, visiting a Japanese home, exploring friendships, coping with situations, etc.), and an interactive approach prompt students to diversify their vocabulary and to actively use the target language in cultural contexts.

Spanish 10 (SP 10) 4 credits
Prerequisite: C+ in Spanish 9
This course builds on the basic concepts acquired through Spanish 9 and continues to engage students in the learning of a beautiful language as well as unique latino cultures. Students will continue to develop grammar in oral/aural context in each class. Students of Spanish 10 are expected to further develop the four language skills of speaking, listening, basic reading and writing through various themes (including a travel unit). Students will take an active role in learning the Spanish language as it is a communicative course. Successful completion of Spanish 9, 10 and 11 will meet the basic requirement for university entrance in British Columbia.

Beginners Spanish 11 (BSP11) 4 credits
Prerequisite: none
Spanish is now considered to be the second most important commercial language, and the third most widely spoken language in the world. This course is designed for students with no previous knowledge of Spanish. They will learn the basic grammatical structures and common vocabulary that will allow them to communicate. Students in BSP 11 are expected to develop the four language skills of speaking, listening, basic reading and writing. Throughout the course, students will have opportunities to learn about the values, customs, and contributions of various Spanish-speaking countries.

Evaluation of this course is based on written assignments, projects, presentations, individual and group work, oral and written tests, and a final exam.

This course is an accelerated combination of Spanish 9 and Spanish 10.
This course is ONLY available to Grade 11 and 12 students.
Successful completion of BSP 11 and SP 11 will meet the basic language requirement of university entrance in British Columbia.

Spanish 11 (SP 11) 4 credits
Prerequisite: Spanish 10 or Beginner Spanish 11
This course builds on Spanish 10 or Beginner Spanish 11. It is designed to help students attain an acceptable degree of proficiency in the four language skills of speaking, listening, reading and writing, with a greater emphasis placed on the mechanics of the language and short written compositions. Through various themes, the language is presented within the context of the contemporary Spanish-speaking world and its culture. The evaluation is based on written assignments, projects, presentations, individual and group work, tests (oral and written) and a final exam.

Successful completion of this course will meet the basic requirement for university entrance in British Columbia.

A C+ average in Spanish 10 is recommended.
Spanish 12  (SP 12)  4 credits
Prerequisite: Spanish 11 and teacher recommendation
Requirement: Spanish-English dictionary

This is a continuing course that builds on Spanish 11. It has a communicative approach using advanced listening, reading, writing and speaking activities. The communication in Spanish is supported through advanced vocabulary and grammatical structures. The course also includes an analysis of cultural aspects of Hispanic countries and resources.

Vocabulary and grammar are reinforced through various themes such as traveling, sports, health, family and friends, television, technology, science, etc. Various assessment strategies such as dialogues, skits, short compositions, letters, etc, are used to evaluate student progress. By the end of the course students will have effective communication skills in Spanish.

MATHEMATICS

Figuring out what Math to take:
What are all the different choices?

In choosing the Math course for you, look at your history of success in previous Math courses. Consult with your Math teacher if you’re not sure which course is appropriate for you. Because post-secondary institutions and programs differ in the Math required for entry it is wise to research the entrance requirements for the specific institutions and programs you are considering.

Grade 10
Three options are offered: Common Math 10 (Foundations & Pre-Calculus), Honours Common Math 10 and Apprenticeship Math 10 (Apprenticeship and Workplace Math 10). All three of these Maths have a required provincial exam worth 20% of the final mark.

Grade 11
Four options are available for grade 11: Pre-Calculus 11, Honours Pre-Calculus 11, Foundations of Math 11 and Apprenticeship & Workplace Math 11. All lead to graduation, but some post-secondary institutions (including some universities) require the completion of Pre-calculus Math 11 for basic entrance. Students should have an “A” or “B: in Math 10 Common to take Pre-calculus 11. Science and Business programs may require Pre-Calculus 12.

Grade 12
Three options are available: Pre-Calculus 12, Calculus 12 and AP Calculus. Both Calculus 12 and AP Calculus 12 are grade 12 elective courses that provide excellent preparation for first year university Math courses.

Am I stuck in a stream (level) forever?

Grade 10
Courses are not transferrable, meaning that if you took Apprenticeship and Workplace Math 10, it does not lead to Foundations 11 or Pre-calculus 11. Each stream is different, just like Biology 11 doesn’t lead into Chemistry 12.

Grade 11 & 12
Students should consider carefully which Math course they wish to take. Course planning is the best time to reassess your Math choice. You should consult with your Math teacher and look into the requirements for your projected career or post-secondary education program.

What Math course do I need to graduate?
A student must pass both a Mathematics 10 and a Mathematics 11 course to graduate. All grade 10 and 11 Math courses Yale offers, meet graduation requirements.
All Math courses require students to have a calculator. Beyond Grade 9, it should be a scientific calculator and for grade 12, a graphing calculator is required.

Math Pathways

- Technical College
- Trade School
- Direct entry to workforce

- Arts & Social Sciences (Criminology, History, Humanities, Languages, Psychology)
- Dental Hygiene
- Nursing
- Architectural Drafting
- Electronics
- Education
- Undecided

- Math
- Science
- Engineering
- Medicine
- Business (accounting, finance, economics)

Calculus 12 / AP Calc. (recommended)

Apprenticeship & Workplace 11

50-59%
60-72%
73% +

Apprenticeship & Workplace 10

50-59%
60% +

Grade 9 Math Prep

Grade 9 Math & Honours

50-59%
60%

Foundations of Math 11

Pre-Calculus 12 & Honours

Foundations of Math & Pre-Calculus 10 (Math 10 Common & Honours)

• SFU accepts Foundations of Math 11 for admission to the Faculty of Arts only.
• UFV accepts Foundations of Math 11 for admission to all programs/faculties EXCEPT Bachelor programs in Science, Business, and Kinesiology
• UBC and UVic require Pre-Calculus 11 for admission to all faculties
**Common Math 10 (FMP 10)**  
4 credits  
*Foundations of Mathematics & Pre-Calculus 10*  
Prerequisite: C+ (67%) or better in Math 9

**Units of Study**
- ✔ Real Numbers
- ✔ Exponents and Radicals
- ✔ Measurement
- ✔ Polynomials
- ✔ Coordinate Geometry
- ✔ Relations and Functions
- ✔ Systems of Equations
- ✔ Trigonometry

There is a required Provincial Exam at the end of the course worth 20% of the final mark.

**Common Math 10 Honours (FMP 10)**  
4 credits  
*Foundations of Mathematics & Pre-calculus 10*  
Prerequisite: an “A” (86%) or better in MA 9 or a “C+” (67%) or better in MA 9H

Common Math 10 Honours covers the same concepts of Common Math 10 but focuses on enrichment by adding material that compliments the topics. Students taking Common Math 10H will be well prepared for taking any of the grade 11 Math courses, especially Pre-Calculus 11. Common Math 10H students write the same final exam as the regular Common 10 Math students but receive a 5% bump on their class mark each term.

There is a required Provincial Exam at the end of the course worth 20% of the final mark.

**Pre-Calculus Math 11 (PREC 11)**  
4 credits  
Prerequisite: B (73%) or better in Common Math 10

**Units of Study**
- ✔ Algebra and Numbers
- ✔ Trigonometry
- ✔ Polynomials
- ✔ Quadratics
- ✔ Relations and Functions
- ✔ Inequalities
- ✔ Sequences and Series

**Pre-Calculus Math 11 Honours (PREC 11)**  
4 credits  
Prerequisite: A (86%) or better in Common Math 10 or C+ (67%) or better in Common Math 10 Honours.

Pre-Calculus 11 Honours covers the same concepts of Pre-Calculus 11 but focuses on enrichment by adding material that compliments the topics. Students taking Pre-Calculus 11H will be well prepared for Pre-Calculus 12.

**Foundations of Mathematics 11 (FOM 11)**  
Prerequisite: C (60%) or better in Common Math 10  
4 credits

**Units of Study**
- ✔ Measurement
- ✔ Geometry
- ✔ Logical Reasoning
- ✔ Statistics
- ✔ Relations and Functions
- ✔ Research Project

**Apprenticeship Math 10 (AWM 10)**  
4 credits  
*Apprenticeship & Workplace Math 10*  
Prerequisite: any Math 9

**Units of Study**
- ✔ SI and Imperial Measurement
- ✔ Surface Area and Volume
- ✔ Pythagorean Theorem
- ✔ Trigonometry
- ✔ Angles
- ✔ Unit Pricing and Currency
- ✔ Personal Finance
- ✔ Puzzles and Games

There is a required Provincial Exam at the end of the course worth 20% of the final mark.

**Apprenticeship & Workplace Math 11 (AWM 11)**  
4 credits  
Pre-requisite: C- (50%) or better in Common Math 10 or Apprenticeship and Workplace Math 10.

**Units of Study**
- ✔ Measurement
- ✔ Geometry
- ✔ Personal Finance
- ✔ Algebra
- ✔ Statistics
Pre-Calculus 12 (PREC12) 4 credits
Prerequisite: C+ (67%) or better in Pre-Calculus 11
Pre-Calculus 12 is an elective course intended for Grade 12 students who have shown an interest and an aptitude in Mathematics. The curriculum was developed and lessons planned with a focus on developing a student's algebraic, graphical and numeric reasoning in three broad areas: Trigonometry, Relations and Functions, and Combinatorics.

Career and Life Links: This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus.

Calculus 12 (CALC 12) 4 credits
Prerequisite: B (73%) or better in Pre-Calculus 11 and 12. It is beneficial to have completed Pre-Calculus 12 before beginning this course, but it may be taken simultaneously, preferably in first semester.
Traditionally, first year Calculus courses have been extremely challenging, especially to students with little Calculus background. This course is only offered in 2nd semester and will provide students with a basic understanding of limits, derivatives, and integrals. Applications and problem solving will be emphasized throughout the course. Strong math skills, good work habits, and an ability to deal with abstract concepts are essential.

Career and Life Links: This course will be of interest to all students whose post-secondary studies will include at least one Calculus course. Students who take Calculus in high school are much more likely to succeed in their first-year university Calculus class.

AP Calculus 12 (ACAL 12) 4 credits
Prerequisite: B (73%) or better in Pre-Calculus 11 or 12. It is beneficial to have completed Pre-Calculus 12 before beginning this course, but it may be taken simultaneously, preferably in first semester.
Advanced Placement Calculus AB is typically equivalent to one semester of post-secondary calculus. This course is primarily theoretical with a focus on properties of functions, limits, and differential and integral components of Calculus. Interested students should have demonstrated mastery of material from math courses that covered algebra, coordinate and analytic geometry, trigonometry and elementary functions. Graphing calculators will be used regularly to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Classes are held every other day for the full year. Highly skilled and motivated students may choose to independently study extra topics and write the more comprehensive AP Calculus BC exam.

Career and Life Links: This course gives students the opportunity to study university-level math topics while still in high school. It is expected that students who take this course will write the AP Calculus exam in May and then seek university credit and/or university placement. This course will be of interest to students planning further education in such areas as Science, Engineering, Technology and Business.

SCIENCE

Science 10 (SC 10) 4 credits
Science 10 completes the three-year junior science program. The four core units in this third year are chemistry, biology, physics and earth science. The basic concepts of chemistry are explored in grades eight and nine. In grade 10 they are extended into the area of ionic and covalent compounds and the major types of chemical reactions they undergo. Biology focuses on the sustainability of ecosystems. Physics examines motion. Earth Science includes plate tectonics and energy transfer in natural systems.
There is a required Provincial Exam at the end of this course worth 20% of the final mark.
Science 10 Honours  (SC 10)  4 credits
This course emphasizes independent study for able students who are inquisitive and have an interest in science. There is an attempt to teach thinking skills rather than rote memory. The basic course content is an extended version of that offered in the regular science courses with a special emphasis on graphing both curved and straight line relationships and the use of mathematic calculations in science.

The student is encouraged and directed to study areas of personal interest in depth. An independent science project is part of the course.

There is a required Provincial Exam at the end of this course worth 20% of the final mark.

Earth Science 11  (ESC 11)  4 credits
Earth Science is a course designed to investigate the Earth and its structure. This includes the study of the lithosphere, space science and how the Earth fits into the realm of space. The basic units are Geological Science and Space Science. Earth Science 11 satisfies the university entrance requirements for a grade 11 Science course.

Career & Life Links for Biology: There are a tremendous number of careers available in biosciences ranging from health sciences, forestry, fisheries, kinesiology, environmental studies and research.

Biology 11 (BI 11) 4 credits
Biology 11 introduces the student to the study of life in all its forms. The course begins with an introduction to the methods and principles of biological science. This includes the scientific method, evolution, classification and taxonomy, and levels of organization. A significant portion of the course involves examination of the four biological fields.

1) Microbiology
2) Botany (Plant biology)
3) Zoology (Animal biology)
4) Evolution

Biology 11 Honours (BI 11) 4 credits
Biology 11 Honours includes all topics covered in regular Biology 11. The honours course examines these topics in greater depth and includes a number of additional ones (e.g. biochemistry). This course is designed to prepare the student for Advanced Placement Biology 12. It is strongly recommended that students enrolling in Biology 11 Honours have an "A" or high "B" standing in Science 10 Honours.

Biology 12 (BI 12) 4 credits
Prerequisite: "B" in Biology 11

Biology 12 continues the study of life with a greater emphasis on the human being. Like Biology 11, it begins with a review of the methods and principles of biological science. Biochemistry and Physiology are heavily emphasized in Biology 12. The majority of the course is composed of three major units.

1) Cell Biology
2) Biochemistry
3) Human Biology

There is also a minor unit on Scientific Method and Experimental Design.

Due to the detail of the study of the biochemistry of the cell, Chemistry 11 is recommended as a prerequisite to this course. It is strongly recommended that students have a high "B" or better in Biology 11 before attempting Biology 12.

AP Biology 12 (ABIO 12) 8 credits
(Biology 12 AP = AP Tutorial+ APBI 12)

Advanced Placement Biology is designed to be the equivalent of a first year college or university biology course. It is a survey of most of the major topics in biology including biochemistry, physiology, cytology, genetics, evolution, and ecology. Although students are expected to be familiar with the anatomy of those organisms that are studied, the course concentrates on the description and analysis of biological processes and on problem solving. The recent AP Biology revisions place a major emphasis on lab work. It is strongly recommended that students have a high "B" or "A" in Biology 11 Honours before attempting Biology 12AP.
Career & Life Links for Chemistry: Chemistry is often called the “central science”. It is appropriate for students interested in the biosciences (such as medicine) and physical sciences (such as engineering). Chemistry is a wonderful course for developing your problem solving skills in the mathematical and conceptual realms.

Chemistry 11 (CHEM 11) 4 credits
Chemistry 11 is a lab-oriented course concerned with the identification, characterization, and transformation of matter. The course has a strong mathematical emphasis. Specific units dealt with include: the scientific method, classification and description of matter, atomic theory, including introductory quantum mechanics, the mole concept, including stoichiometric applications, chemistry of solutions, and an introduction to organic chemistry. Students taking Chemistry 11 can expect a variety of laboratory activities.

Chemistry 11 Honours (CH 11) 4 credits
Chemistry 11 Honours is similar to the regular Chemistry 11 course, but proceeds at a faster pace, adding units on Gases and Nuclear Chemistry. Laboratory work is emphasized to a greater extent. This course is recommended for any student considering Advanced Placement Chemistry 12; however, it is open to all grade 11 and 12 students with a keen interest and above average ability in math and science.

Chemistry 12 (CH 12) 4 credits
Prerequisite: "B" in Chemistry 11
Chemistry 12 is intended for Grade 12 students who have shown an aptitude for the subject and plan to take Chemistry and related courses at the post-secondary level. Problem solving and lab work is much more prevalent than in Chemistry 11 and a good understanding of mathematics is essential. The course contains extensive laboratory investigation of five topic areas including reaction kinetics, solubility principles, chemical equilibrium, acids and bases, and oxidation-reduction reactions. Due to a large number of mathematical calculations in the course, students should have a reasonably good standing in Math 11 before attempting Chemistry 12.

AP Chemistry 12 (ACHE 12) 8 credits
(Chemistry 12 AP = AP Tutorial + CHEM 12 AP)
Advanced Placement Chemistry is a first year college course in general chemistry offered at the high school level. The course differs qualitatively from the usual grade twelve chemistry course with respect to the kind of textbook used, the degree of detail with which topics are covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by the students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. Students taking Advanced Placement Chemistry will certainly be well prepared for the B.C. Provincial and Scholarship Exams. The five major topics from regular chemistry twelve (Kinetics, Equilibrium, Solubility, Acid/ Base and Electrochemistry) are all developed in considerable detail along with an additional unit in Thermodynamics.

Many Chemistry 11 topics are also reconsidered and expanded upon as they apply to these new areas. It is strongly recommended that students have a high "B" or "A" in Chemistry 11 Honours before attempting Chemistry 12AP.

Career & Life Links for Physics: Students having physics credits entering post-secondary will have an advantage over those who do not. They will find a much wider selection of careers and fields of study available to them. Physics is an asset to anyone entering Sciences or any trade and a must for engineering.

Physics 11 (PH 11) 4 credits
Physics is the science that deals with applying mathematics to explain everyday physical phenomena. We use your knowledge of MA 10 and SC 8-10 to predict and explain motion, forces, energy, waves and nuclear physics. Note: Laboratory activities will be required. Mathematical ability is essential; a C+ in MA 10 is recommended. Non-programmable calculators are recommended. Trigonometry and algebra will be used.
Physics 11 Honours  (PH 11)  4 credits
Prerequisite: "B" or better in Science 10 or 10H and Math 10 or Math 10H. Trigonometry and algebra will be used.

Physics 11 Honours is a course for those who want a challenging program or who wish to get a head start on the Physics 12 core material. Topics will be the same as those for Physics 11, but with a faster pace and at a greater depth so that some Physics 12 material may be learned. These extra topics will be circular motion, inclines, and 2-D momentum. More elaborate studies of wave theory will also be included. This course concentrates on problem solving and the use of mathematics in analyzing and describing physical situations. This course is contingent on enrollment. A non-programmable calculator is recommended.

Physics 12  (PH 12)  4 credits
Prerequisite: "B" in PH 11

Physics 12 extends the basic concepts of Physics 11 to motion in two dimensions, forces, energy, circular motion, torque, electrostatics, electric circuits and electromagnetism. Students with satisfactory standing (C+ or better) in Physics 11 will find this course challenging. This course concentrates on problem solving and the use of mathematics in analyzing and describing physical situations. Laboratory work will be ongoing. This course will be similar to first year post-secondary physics. A non-programmable calculator may be required for the provincial exam.

***Note: Mathematical ability should be C+ in Mathematics 11 or 12, as trigonometry and algebra will be required.

AP Physics 12  (APHY 12)  8 credits
Prerequisites:
1) Physics 11 (B or better) Honours is recommended.
2) Mathematics 11 (B or better)

This course is equivalent to a first year physics course at UBC or SFU. This course covers a wide range of topics, encapsulating the British Columbia Physics 11 and 12 curriculum as well as extensions to match the curricula of most American schools. Such topics are: kinematics, forces, energy, circular motion, electrostatics, circuits, electromagnetism, waves, fluids, atomic, nuclear, and thermodynamics. Since we have less time to cover 33% more material than in the regular Physics 12 course, there is a considerable pace that the student must accept. Student directed learning is a must in this course. In light of this, students must be committed to a challenging experience. At this time, we offer the more comprehensive Physics AP - B level course of study. A non-programmable calculator is recommended.

Geology 12  (GEOL 12)  4 credits
Prerequisite: Completion of "Chemistry, Biology or Earth Science 11"

This course will focus primarily on the study of the Earth’s crust, with emphasis on local geology. Specific topics include: composition of the Earth (minerals, rocks), economic importance (mining, oil drilling), geological history (time scale, dating techniques and fossils), earth building processes (plate tectonics, earthquakes and volcanoes), earth wasting processes (streams and glaciers) and comparative planetology. It is recommended that students have strong reading and writing skills and a willingness to work outdoors.

Career and Life Links: Relevant for students considering further study in geography, meteorology, sustainability, mining, etc.

Lab Tech Assistant 11 (YLTA 11)  4 credits
Prerequisite: Teacher Permission

This course is intended for senior students with a strong science background and a desire to continue on to post-secondary instruction in the science area. This is a laboratory course in which students expand upon some of the basic laboratory work performed within regular science courses. Students are involved in the preparation and organization of lab materials, including solutions, chemical supplies and equipment. In addition they will be trained in the working procedures of lab preparation. Students will work independently under the supervision of a science teacher.
Horticulture 11 (YAAPS 1A) 4 credits

Horticulture 11 provides hands on learning experience for students interested in developing job-related skills in the agricultural and horticultural sector. Students will gain knowledge and skills in greenhouse operation, landscaping, garden development and garden maintenance. Students will also learn theory relating to many aspects of horticulture, such as: soil composition and fertility, importance of plants to humans, plant hardiness, botany (plant development, parts and classifications) and plant propagation.

Practical and project work are major components of this course. Students will participate daily in development and nurturing of nursery stock in preparation for a plant marketing activity. This activity provides an opportunity for students to develop skill in working with the public while sharing their recently acquired knowledge with community members.

Career and Life Links: Excellent course for those interested in landscaping or nursery work in the future.

PHYSICAL EDUCATION

Classes are held in the gymnasium, lunchroom, pool, skating rink and outdoors. All students are expected to wear suitable clothing for all activities. Gym strip is available at nominal cost. All students are expected to participate on a regular basis, the only exceptions being those who have notes from parents and/or medical excuses provided by a physician. Assessment will be based upon the following key elements: knowledge, participation, movement skills, safety, fair play and leadership.

Physical Education 10 (PE 10) 4 credits

Yale’s Physical Education program utilizes carefully selected activities to provide students the opportunities to develop: a) knowledge and understanding of physical and social skills, physical fitness, principles of movement, and the relationship of exercise to personal well-being; b) physical skills; c) physical fitness; d) social skills; and e) attitudes and appreciations that will encourage participation in AND enjoyment of physical activity, fitness, quality performance, a positive self-concept and respect for others.

Physical Education 11 (PE 11) 4 credits

PE 11 is an optional elective for students interested in physical education. The course offers a number of mini units in performance oriented, leisure oriented, active health and personal development activities. These include: speedball, flag football, bowling, rugby, tennis, softball, soccer, volleyball, swimming, badminton, golf, minor games and aerobics.

Career and Life Links: This course is intended to promote a lifelong pursuit of physical fitness and involvement in future physical recreational activities.
**Physical Education 12 (PE 12) 4 credits**

Instruction in performance oriented, leisure oriented, active health and personal development activities. Examples: tennis, badminton, golf, volleyball, bowling, basketball, gymnastics and swimming. These activities will be done with the PE 11 classes.

**Career and Life Links:** This course is intended to promote a lifelong pursuit of physical fitness and involvement in future physical recreational activities.

**Super fit 11 (YHRA-1D) 4 credits**

Super fit 11 is a locally developed secondary school elective that has been designed to help students understand and experience some of the various elements of personal fitness. Students will be expected to maintain an accurate personal fitness log. Term end fitness tests will be administered to plot progress made toward personal fitness goals.

This course is tailored for students wanting to train for competitive athletics or achieve a high level of fitness.

This course is also offered as a gender specific program.

**Career and Life Links:** If you want to excel at your sport, or take your fitness to the next level, Super fit 11 is the course for you. Those considering a career in the fitness industry or in a particular sport will also benefit from this course.

**Personal Fitness 12 (YHRA-2D) 4 credits**

Personal Fitness 12 is a locally developed senior secondary school elective that has been designed to help students understand and experience some of the various elements of personal fitness. Students will be expected to maintain an accurate personal fitness log. Term end fitness tests will be administered to plot progress made toward personal fitness goals.

This course is tailored for students wanting to train for competitive athletics or achieve a high level of fitness.

This course is also offered as a gender specific program.

**Career and Life Links:** If you want to further excel at your sport, or take your fitness to the next level, Personal fitness 12 is the course for you. Those considering a career in the fitness industry, or in a particular sport will also benefit from this course.

**P.E. Leadership 10 (YHRA-0A) 4 credits**

This course is offered as an opportunity to become involved in the organization and leadership aspects of recreation. Students entering Recreation Leadership will be assisting the PE instructors with warm-ups, drills, individual instruction and refereeing within the PE classroom. Leaders will also be expected to instruct specific units. In addition to the above, the student will help with refereeing and score keeping for Intramural and Extramural contests (10 hours). Grades will be determined as follows:

1. Affective (In class participation) - 60%
2. Journal and Assignments - 20%
3. Extracurricular activities - 20%

*An approved application form is required for this course.

**Career and Life Links:** This course is tailored for students who may be interested in a career in physical education or community recreation management.

**P.E. Leadership 11 (YHRA-1A) 4 credits**

Students require instructor’s permission to enroll plus a “B” or better in last PE class attended. This course is offered as an opportunity to become involved in the organization and leadership aspects of recreation. Students entering Recreation Leadership will be assisting the PE instructors with warm-ups, drills, individual instruction and refereeing within the PE classroom. Leaders will also be expected to instruct specific units. In addition to the above, the student will help with refereeing and score keeping for Intramural and Extramural contests (20 hours). Grades will be determined as follows:

1. Affective (In class participation) - 60%
2. Journal and Assignments- 20%
3. Extracurricular activities - 20%

*An approved application form is required for this course.

**Career and Life Links:** This course is tailored for students who may be interested in a career in physical education or community recreation management.
PSYCHOLOGY & PERSONAL PLANNING

Psychology 11     (YPSYC1A)     4 credits

Psychology 11 focuses on the historical approaches to psychology, as well as the biological and behavioral nature of psychology. This introductory course examines the origins and history of psychology, neuroscience, sensation and perception, states of consciousness, and development across the lifespan. The course is applied in nature and attempts to relate theory to students’ daily lives. Evaluation is based on labs, assignments, chapter tests, and a final exam worth 20%. Psychology 11 is a prerequisite for AP Psychology 12.

Career and Life Links: This course has many applications as it helps students to understand human behavior, both of others and of themselves. This knowledge is helpful for any career which involves dealing with people such as teaching, advertising, politics, nursing, as well as counselling or practicing medicine.

Planning 10     (PLAN 10)     4 credits

This course helps build the skills you need to make smart choices about your future, skills that will help you beyond graduation, as you move forward with your adult life. You will do research, set goals and start to make informed decisions about health, your post-secondary education, your career options, and your money. You will also begin work on your Grad Transitions.

Grad Transitions     (GT)     4 credits

Graduation Transitions is the 4 credit grad requirement that has evolved from the Graduation Portfolio. Students will be enrolled in a Transitions 12 class. Grad Transitions is a mandatory requirement for High School Graduation in the province of BC. Workbooks are handed out to all students in June of their Grade 11 year and students are encouraged to work on them over the summer.

Transitions has three main components:

Personal Health – maintain a personal health plan and participate in at least 150 minutes a week of moderate to vigorous physical activity.

Community Connections – students must document 30 hours of work or volunteer experience and reflect on their employability skills.

Career and Life – students will create a transition plan that will help them to set goals for post-secondary education and career pursuits.

More information can be found at www.yalesecondary.com under Grad Info and Grad Transitions.
BUSINESS EDUCATION

Accounting 11 (AC 11)  4 credits
*Prerequisite: None*

The purpose of this course is to develop the skills necessary to maintain the records of a business, both in the accounting and the marketing realms. This includes such things as banking, petty cash, payroll, cash receipts and payments, sales and purchase records, and inventory. Students will learn to do these things both on paper and on the computer. A business simulation is included as part of this course using “Simply Accounting”.

**Career and Life Links:** This course is useful for anybody who wants to manage or own a business, as well as those wanting to become accountants.

Business Computer Applications 11 (BCA 11)  (Keyboarding)  4 credits

Computers are an important part of every job. To use a computer quickly and accurately, you need to be able to touch-type. This is the main component of BCA11. You will also learn how to create memos, letters, reports, and other documents that are used every day in the work world. You will use specialized keyboarding software, as well as Microsoft Word.

**Career and Life Links:** Anybody who wants to manage, own, or work in a business will find this course very helpful. Examples of jobs that would benefit: mechanics, parts people, cashiers, office workers, managers, business owners, science/medicine, teaching, etc. This will also help you with your school work, both in high school and in post-secondary.

Business & Investment Management 11 (IDS 11)  4 credits
*Prerequisite B or higher in Math 10 common*

To be successful in business you must make a profit. To do this a business must not only be successful in placing products or services into the market, it must also have managers that understand how to manage both its assets and investments.

This course recognizes that there are many opportunities for businesses and individuals to create wealth. Business & Investment Management has been designed for students who wish to develop their understanding of business concepts through the study of core economic, investment and business concepts. Learning will be shown through independent studies and projects that coincide with the core units.

This is an introductory, yet challenging, course designed to help students learn the basics of business and investment management.

**Career and Life Links:** This course is particularly recommended to anyone desiring to enter into the business, investment or management field, or continue on to university to pursue an economics, business or finance degree.

AP Microeconomics 12 (APMI 12)  4 credits
*Prerequisite: C+ or higher in Pre-calculus Math 11*

To excel in today’s business world, you must have a good understanding of how economics governs our lives. This course is designed to develop student understanding of how decisions made by individuals and businesses influence the supply, demand and pricing of products and services.

This is a challenging course that enables students to understand basic economic concepts. Students who have successfully completed the AP examination with a minimum score of 4 on a 5 point scale will, upon admission to their college or university, be granted course credit. For more information, please check www.ap.ca

**Career and Life Links:** This course is particularly recommended to anyone desiring to enter into the business, investment or management field.
Data Management 12  (DM 12)  4 credits

The focus of this course is on advanced word processing, spreadsheet, data-base and presentation software. Students will use Microsoft Office Professional software. They will decide which tool to use to solve business problems, and combine various tools to complete assignments and projects.

**Career and Life Links:** You will find this course helpful if you want to manage, own or work in business in areas such as advertising, sales, accounting, marketing, tourism, science, teaching, or management.

Entrepreneurship 12  (ENT 12)  4 credits

*Prerequisite: None*

This course will provide students with the tools they need to become successful entrepreneurs and will cover the following four topics in Entrepreneurship: Entrepreneurial concepts, Business Plan Formulation, Business Plan Operation and Teamwork and Networking. Do you have a great idea for a product or service? The course highlight is Entrepreneurship Week, when students are given the opportunity to run their own businesses and make some money!

**Career and Life Links:** This course is one to consider if you are interested in being your own boss one day, if you have always wanted to open up your own business or if you are considering taking Business courses after high school.

Family Studies 11  (FM 11)  4 credits

*(Social Psychology 11)*

*Prerequisite: none*

This is an interactive course with many opportunities for group activities and discussion, as well as personal reflection. The focus for this year will be in two areas: Interpersonal and Family Relationships and Child Development and Parenting. In the area of relationships, you will be given an opportunity to consider your future, focusing on personal development and relationships leading to independent living and possible long-term commitments. Child development will include a variety of topics from conception to age twelve, including the opportunity to participate in an infant care simulation, and to interact with young children.

**Career and Life Links:** Family Studies 11 provides the opportunity for students to develop their communication skills in regards to friendships, relationships and home life. The course links to careers in social work, nursing, family mediation, counselling, and many more.

Family Studies 12  (FM 12)  4 credits

*(Social Psychology 12)*

*Prerequisite: none*

This is an interactive course with many opportunities for group activities and discussion, as well as personal reflection. The focus for this year will be in two areas: Families in Society, and Housing and Environment. In the area of families, you will be given an opportunity to look at the challenges facing families, factors that influence family dynamics, and functions, customs, traditions of the family. Housing and Environment will include a variety of topics from living and housing options,
floor plan analysis, to elements and principles of design.

**Career and Life Links:** Family Studies 12 relates to careers and courses that focus on sociology, anthropology, psychology, architecture, interior design and mediation. It can also help prepare you for counselling, nursing and social work.

**Food Studies 11**  (FDN 11)  4 credits

*Prerequisite: none*

*This course is open to grade 10 & 11 students*

This course will consider not only how, but also why food is prepared, served, and stored in certain ways. A variety of foods and techniques will be introduced including pies and pastries, soups, appetizers, casseroles, salads, crepes, vegetables, fruits and much, much more! Foods from other cultures will be included, as well as the opportunity to look at vegetarian options. In addition, students will study the importance of the foods we eat on healthy diet and lifestyle.

**Career and Life Links:** If you are interested in studying nutrition, doing cook/chef training or working in the restaurant industry after high school, this is a course to consider. Above all, Foods 11 will develop your personal cooking skills for life after you leave home.

**Food Studies 12**  (FDN 12)  4 credits

*Prerequisite: none*

*Foods 11 recommended*

Students should have Food Studies 11 before enrolling. This course is for food enthusiasts who are eager to improve their food preparation skills. Foods 12 introduces grade 11-12 students to more advanced techniques in food preparation, including home-made pastas meat cookery, and much more. Foods 12 units include “street food”, on dish meals and more sophisticated dinners. Food related topics such as health and the environment are also explored.

**Career and Life Links:** Through catering opportunities, Foods 12 provides the chance for students to gain work/volunteer hours which can then be used towards grad transitions. Foods 12 also prepares students for living and cooking on their own.

**Textile Studies 10**  (TXT 10)  4 credits

If you missed taking Textiles in grade 9, then this is the course for you! This is a first year sewing course that is open to grade 10 students who want to learn to sew and add to their wardrobe at the same time. Projects include a basic introductory garment of pajamas, a skirt or pants, and one other garment.

**Textile Studies 11**  (TXT 11)  4 credits

*Prerequisite: none*

If you are just learning to sew or have completed Textile Studies 9, this is the course for you! Learn about design and how to make it work for you, then apply it as you create and sew your own design. You will also learn more advanced sewing techniques and use of commercial patterns, as well as develop an understanding of fibers and fabrics. Projects may include:

- Pants or jeans,
- Skirt or pants,
- One major project of your own choice using a difficult pattern or fabric.

**Career and Life Links:** Interested in a career in fashion or art? Consider this course!

**Textile Studies 12**  (TXT 12)  4 credits

Interested in making a lined jacket or coat, an outfit using a difficult pattern, plus one other project of your own choice? You will be using advanced sewing techniques, advanced patterns and challenging fabrics. As with other sewing classes, the garments constructed will be selected by the student.

**Career and Life Links:** Interested in a career in fashion or art? Consider this course!
**TECHNOLOGY**

**Tech Ed 10: Mechanics (TEC 10)** 4 credits

Mechanics 10 is a course for grade 10 students hoping to enroll in mechanics classes in their grade 11 and 12 years. This course introduces students to fundamentals of the internal combustion engine, basic automobile theory and maintenance and current trends in alternate energy theory. Students will gain experience that will help them in understanding expectations and the work ethic required for participation in Mechanics 11 and 12, and in trade schools.

**Career and Life Links:** This is a great course for anyone thinking of taking other mechanics courses. If you want to learn to make your lawnmower start on one pull, this course is for you!

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**Automotive Technology 11 (AT 11)** 4 credits

Basic automotive theory and construction of modern auto systems are covered with equal theory and lab time. Oil changes, radiator flushes, tune-ups and air care are just some of the topics covered. This is an introductory course, but first priority will be given to students who have taken Pre-auto 10 and Metal Working 11. Coveralls or a shop coat are recommended for students who are taking this course.

**Career and Life Links:** This course is valuable for those wishing to take Automotive 12 as well as those who want to understand the basic working of a car. Skills such as oil changes, flat tire changes and basic mechanical knowledge are great life skills to have. This course could even lead to a career in the auto service industry through automotive 12 and SD 34 career programs.

**Automotive Technology 12 (AT 12)** 4 credits  
*Prerequisite: AT 11*

The Auto 12 program expands on principles of theory and shop procedures learned in Mechanics 11. More detailed instruction will be given in the areas of tune-up diagnosis and troubleshooting. Students are expected to work independently with emphasis placed on quality practical work rather than theory.

**Career and Life Links:** This is an extension of Automotive 11 and should be considered a mandatory course for anyone who wants to be able to perform basic car repairs or pursue a career in the automotive industry.

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**Automotive Technology 12: Engine & Drive Train (ATD 12)** 4 credits  
**Automotive Technology 12: Auto Electric & Electronics 12 (ATE 12)** 4 credits each

*Prerequisite: AT 11 & AT 12*

These are a continuation of Automotive Technology 12, offering the student additional shop time and instruction for more intensive work. Students will be expected to work on self-paced theory along with an extensive project. For example, in Engines and Drive Trains a student may re-build an engine and complete the accompanying theory-related assignments that go along with it. These courses should suit students who may want to go into the trade.

**Career and Life Links:** These courses should be treated as extensions of Automotive 12 that can prepare students to perform a greater range of repair and diagnostic work.

*Please note:* Students in Engine & Drive Train 12 may have to provide their own motor or transmission depending on what is available in the shop at the time of the course offering.

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**Woodwork 10 (TEW 10)** 4 credits

This course gives grade 10 students a more in-depth study of woodworking techniques and practices. Students will be involved in the planning, design and production of products. Effective planning and problem solving will be emphasized.
In addition to skill development and project work, students will cover units in materials technology, mass production techniques and a woodworking career survey.

**Career and Life Links:** This is a great course to prepare for further courses in woodwork as well as anyone wishing to gain the skills and confidence to build basic woodwork projects. Some of the skills learned could be used at home to perform home repair.

**Pre-apprenticeship CORE Construction Preparation**

The CORE program curriculum was developed by the BC Construction Association in conjunction with Industry partners. This is a Foundations level Pre-apprenticeship program which gives students an opportunity to develop skills and knowledge relating to the building trades.

Students will complete their Occupational First Aid and WHMIS certification as well as gaining experience with construction tools and building practices. Projects include a sawhorse, a tool box and an extension cord. Other construction projects may include Set construction, School improvement projects and mock framing, electrical and plumbing experiences.

This program will give the student 12 graduation credits (3 courses, The CORE curriculum is 8 credits and the work experience yields 4 credits). This program will run only in the Fall semester.

**Career and Life Links:** This course prepares students to get an entry level trades job in the construction industry. This is also a great course for anyone thinking of taking the SD 34 carpentry, HEO or electrical programs.

**Carpentry & Joinery 11 (CJ 11) 4 credits**

In this course, students will develop their skills in a wide range of woodworking operations while designing and building a set of projects in wood. Problem solving and design skills will be emphasized. Students will also gain experience relating to construction materials, wood surface protection, equipment and tool maintenance, and mass production techniques.

**Career and Life Links:** Skills learned in this course will be great for the future handyperson or homeowner. This course will also prepare students for Woodwork 12 and set the foundation for a possible SD 34 scholarship project.

**Carpentry & Joinery 12 (CJ) 4 credits**

**Prerequisite: CJ 11**

This course emphasizes bench work and joinery skills. Students will construct self-designed projects using various machine skills and joinery techniques. Furniture pieces, cabinets, canoes and kayaks are possible projects for this class.

**NOTE:** Any student wanting to complete a scholarship project should schedule for Semester One.

**Career and Life Links:** This course prepares students to safely use any machine commonly used in woodwork shops. This course could lead to a career in finish carpentry, cabinet making, framing or artisan woodworking. Although there is not a focus on building construction, skills learned will transfer well to home remodeling and renovation. There will also be an opportunity to compete in the SD 34 District Scholarship competition.

**Also available:**

- **C & J 12: Furniture Construction (CJF 12)**
- **C & J 12: Woodcraft Products (CJP 12)**

**Metal Fab & Machining 11 (MFM 11) 4 credits**

The students will work on their own projects after assigned work is complete. Required projects will help the student utilize industrial equipment: lathe, milling machine, drill, grinder, power saws, welders, forge and casting of aluminum. Students anticipating taking Mechanics 12 should take this course.

**Career and Life Links:** This is a great course for anyone who wants to continue on to Automotive 12 or Metalwork 12. Many skills can prepare students for an entry level labour job in industry and for basic metalwork at home. Those interested in the creative nature of metal art may also find this course valuable. This course also prepares students for the SD 34 welding career program.

**Metal Fab & Machining 12 (MFM 12) 4 credits**

**Prerequisite: MFM 11**

Students will complete a set of small skill building projects focusing on senior level machining
techniques using foundry. In addition, students are expected to develop plans and to fabricate at least one major metal project. Drafting skills are an asset but are not mandatory. Students must be prepared to work in a busy shop setting.

**Career and Life Links:** This course is an extension of Metal Fab and Machining 11. It will further prepare students for entry level employment in the trades.

**Robotics 12 (Engineering) (YIA--2C)**

4 credits

*Prerequisite: a C+ or higher in Math 10 and focused on taking sciences at post-secondary level.*

This course uses NXT sensors, motors, gears and microcontroller units programmed in NXT-G, ROBOTC and NI LabView Software to construct autonomous wheeled mobile robots. The course contains structured laboratory exercises in NXT mechanics, software design, sensor and motor principles, and feedback control. Time is spent designing mobile robots that will compete in several robotic competitions. The lectures will focus on effective engineering techniques using the appropriate motors, sensors, and control features to complete the assigned tasks.

**Career and Life Links:** Excellent course for anyone interested in Electrical or computer engineering.

**Computer Graphics 11 (ICTM11)**

4 credits

*Prerequisite: No previous computer experience needed*

If you want to learn how to draw better and learn how to create computer graphics, you'll enjoy Computer Graphics 11. Good 3-D modeling is time consuming and a skill that is in high demand. 3-D models are utilized for not only the obvious, such as character animations and video games, but also in product design, sales presentations, scientific simulation, environmental planning and architectural design to list only a few applications. As the growth of the motion picture industry and interactive internet market expand, the future of 3-D is vast and growing.

**Career and Life Links:** The importance of getting a good start in 3-D modeling and CAD skills cannot be overemphasized. Develop skills to start your journey to fill the shortage.

**Computer Graphics 12 (ICTM12)**

4 credits

*Prerequisite: Computer Graphics 11*

This class in computer graphics is for you if you want to dig deeper into the 3D modeling or desktop publishing. You could use this class to work on your CG portfolio or a CG scholarship project.

**Career and Life Links:** If you plan on pursuing a career in the field of computer graphics, this course will help you establish a deeper foundation in computer graphics skills needed for post-secondary studies.

**Drafting & Design 11 (DD 11)**

4 credits

*Prerequisite: No prerequisite*

This is an exploratory course in drafting to provide you an opportunity to make an informed decision about further study in drafting. Emphasis will be placed on becoming familiar with AutoCAD in drawing multi-view drawings, pictorial drawings and house plans.

**Career and Life Links:** If you want to be an architect, a CAD specialist, a car designer, an engineer, a building developer, or an industrial designer, then learn how to read and draw in the language of draftsmen and other technical illustrators.
**Drafting & Design 12 (DD 12)** 4 credits  
*Prerequisite: Drafting & Design 11*

Option 1 – Learn to draw houses in 2D using AutoCAD and 3D using Revit. You will learn about house construction and you’ll have a chance to draw a realistic set of house plans.

Option 2 – Learn to draw machine parts in 2D using AutoCAD and 3D using INVENTOR, a type of parametric program commonly used in engineering firms, machine shops and manufacturing facilities.  
*Career and life links:* This course if for the student interested in the field of architecture, construction, interior design, engineering, machinist, etc....

**Desktop Publishing 10 (YCCT-0A)**  
*(Photoshop – Level 1)* 4 credits  
*Prerequisite: No prerequisite, but teacher approval is required*

Level 1 - Do you want to learn to use Photoshop better? Do you want to learn to take better pictures? Do you want to be a Graphics Designer? If you answered “Yes” to any of these questions then this class is for you. You will learn how to create and design a wide range of projects using Adobe Photoshop. You will also learn how to take pictures with a DSLR and edit photos. This course is designed for students of all levels of computer experience. It’s all about Photoshop!!  
*Career and life links:* This is an introductory course for students interested in photography, computer art or computer graphics.

**Desktop Publishing 11 (YCCT-1A)**  
*(Photoshop – Level 1)* 4 credits  
*Prerequisite: No prerequisite, but teacher approval is required*

Level 1 – Do you want to learn to use Photoshop better? Do you want to learn to take better pictures? Do you want to be a Graphics Designer? If you answered “Yes” to any of these questions then this class is for you. You will learn how to create and design a wide range of projects using Adobe Photoshop. You will also learn how to take pictures with a DSLR and edit photos. This course is designed for students of all levels of computer experience. It’s all about Photoshop!!  
*Career and life links:* This is an introductory course for students interested in photography, computer art or computer graphics.

**Desktop Publishing 12 (YCCT-2A)**  
*(Photoshop – Level 2)* 4 credits  
*Prerequisite: DTP 10 or DTP 11*

If you have taken DTP 10 or 11, then this is your next step. You will have time to focus on expanding your skills in taking pictures with a DSLR and using advanced Photoshop features over the course of the semester. You will also learn how to create, design and publish a wide range of print and web-based projects in this 2nd level of DTP. Projects may include creating a website or marketing material for a real company of contributing graphics for the school yearbook. Become a Graphics Design phenom!!  
*Career and life links:* For students interested in possibly looking at a career in photography, journalism, web design, technical illustration, computer art or computer graphics.
LEADERSHIP

All students must go through an application process after which they will be informed if they have been accepted into the course. Applications are available from Ms. Rajabally in E210 starting Feb. 1. The deadline to apply is April 30.

Note: Student Leadership 11 & 12 classes meet Tuesday and Thursday mornings at 7:00 AM.

Career and Life Links: The leadership program develops communication, problem solving, public speaking and team building skills. All are essential for the world of work and further study.

Student Leadership 10 (YIPS-0A)
Prerequisite: Teacher Permission 4 credits
The purpose of this course is to introduce theories of leadership and to practice leadership skills. The course will be divided each term into lessons of theory and classes of practical application. The Lion Pride program at Yale will reflect the belief that students want to become meaningfully involved in the school community.

Student Leadership 11 (YIPS-1A)
Prerequisite: Teacher Permission 4 credits
The goal of Lion Pride leadership is to develop communication, organization, planning, and employment skills to their full potential while practicing each on a daily, weekly & monthly basis. Leaders will be asked to put these skills into motion through developing and promoting school spirit and culture at Yale. In addition, students will be making valuable connections within the school and community that will enable them to demonstrate their leadership role.

Student Leadership 12 (YIPS-2A)
Prerequisite: Teacher Permission 4 credits
Senior Lion Pride students will have the opportunity to increase their understanding and effectiveness in the following processes: human relations skills, communication skills, group processes, managerial skills and self-awareness. The goal is to use these developing skills in promoting a positive and inclusive culture at Yale.

YEARBOOK

Yearbook 10 (YCCT-0B) 4 credits
Prerequisite: Student must have record of good attendance and work habits in previous year.

Do you want to be involved in producing the school yearbook? Do you want to learn to take better pictures? Do you like working in teams? Do you want to work on the school’s largest group project? If you answered “Yes” to any of these questions, then you need to sign up to be a part of the Yearbook crew. You are encouraged to talk to Mr. Jung before applying.

Career and life links: Students who enjoy photography, writing or computer graphics are encouraged to enroll.

Yearbook 11 (YCCT-1B) 4 credits
Prerequisite: Student must have record of good attendance and work habits in previous year.

Take pictures and write articles that others will look at and read for years to come. Experience what it is like to be a press photographer, write articles under pressure and create beautiful page layouts under demanding situations. This might just be your thing. You are encouraged to talk to Mr. Jung before applying.

Career and life links: This course is the one to consider if you are interested in pursuing a field in journalism or photography.

Yearbook 12 (YCCT-2B) 4 credits
Prerequisite: Student must have record of good attendance and work habits in previous year.

Take an active role in shaping the look and feel of your last yearbook before you graduate. Depending on your strengths, you will not only help
produce all aspects of the school yearbook but you may be assigned leadership responsibilities in key editorial roles. You are encouraged to talk to Mr. Jung before applying.  

**Career and life links:** Are you thinking about becoming a sports photographer, or a studio photographer? Or, are you considering a career in journalism or graphic art? If you are, then sign up for the Yearbook class.

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**DRAMA**

**Career and Life Links:** You should take Drama and Theatre Performance if you are interested in any of the following careers – radio or tv announcing, acting and/or directing on film, stage or television, public speaking or politics, sales and marketing, video game voiceovers, teaching drama, storytelling and playwriting, audiobook narrator, theatre lighting or sound technician.

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**Drama 10: General**  
(DRG 10)  
4 credits  

Drama 10 is an extension of Drama 9 plus it explores script work, speech, and movement in performance. There will be a focus on acquiring some basic knowledge about technical theatre as a performing art. We will explore lighting, set design, sound and costumes. Evaluation is based on participating, performance, and completion of assignments.

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**Theatre Perform. 11: Acting**  
(TPA 11)  
4 credits  

*Prerequisite: Drama 10 or Teacher permission.*

Students will study movement, sensitivity exercises, improvisation, mime, speech, play building and character development. Some theatre history is covered. Emphasis is placed on developing a personal approach to role. All students will successfully complete the “Gauntlet” as a requirement to pass this course. This consists of a modern monologue, a Shakespearean monologue, a two person scene and two minute mime. This is a performance class and students will be required to perform for various audiences. Evaluation will be based on class participation, written assignments, and performance.

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**Theatre Perform. 12: Acting**  
(TPA 12)  
4 credits  

*Prerequisite: Theatre Performance Acting 11*  

A greater emphasis is placed on the script and its interpretation and there are in-depth performances and written assignments. A study of acting styles through history is also part of the course. Students will be required to perform for a variety of audiences. Emphasis is placed on refining an effective personal approach to role. Students will be required to put together and shoot a small movie script of 15-20 minutes in length. This is a requirement for grade 12 performance. Evaluation is based on class participation, written assignments and performance.

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**Fine Arts Assistant 11: Theatre**  
(YED—1ATH)  
4 credits  

*Prerequisite: teacher permission*  

This course is essentially an opportunity to provide assistance to a classroom teacher in the Theatre area. The course will provide leadership opportunities for advanced level students.
**MUSIC**

**Career and Life Links for Band & Choir:**
Students wishing to pursue careers and higher education in music are encouraged to take these courses. Students learn to analyze complex ideas, work within a group cooperatively, and learn practice skills necessary for both academic and musical success. Careers related to music include, but are not limited to: entertainment law, music education, performance, composition, music history, library studies, and recording arts.

**Concert Band 10, 11, 12** (MCB 10, 11, 12)  4 credits each
The main emphasis will be on improving technical skills and musical understanding. Music to be performed will be chosen from all styles and will be from the advanced category. Students will be directed into a team effort as well as being responsible for their own individual progress. Attendance at all rehearsals and performances is mandatory. Students will be expected to keep up their studies to enable them to tour with the Band class.

**Jazz Band 10, 11, 12** (MJB 10, 11, 12)  4 credits each
This course is offered to students who are interested in Stage Band music and who play saxophone, trumpet, trombone, piano, bass, guitar or drums. This course is performance oriented. This band will regularly perform concerts and will complete locally in festivals. Students must take concert band concurrently to learn the proper techniques. This class meets before the regular first period in the morning on an alternating basis.

**Choir 10-12** (MCC 10, 11, 12)  4 credits each
Choral ensemble performance provides the opportunity for interested students to develop and refine the art of choral singing and to improve understanding of the elements and styles of music. Students will be introduced to a variety of musical styles including pop, rock, jazz, classical, world and folk.

**Guitar 11** (IMG 11)  4 credits
Guitar 11 is an advanced guitar course. This class requires permission from the instructor. Students must provide their own acoustical guitar. **Career and Life Links:** You should take this course if you are interested in Performing in live bands, being a studio musician, being a singer/songwriter or playing Rhythm guitar in Orchestras and bands.

**Career and Life Links for Musical Theatre:**
Any student interested in a career in the performing arts or scenic arts should consider this course. Practical experience can be gained in acting, singing, stage movement, and dance, as well as the technical aspects of production. Also, Musical Theatre can help prepare students for any career that includes making presentations to groups, and communicating with the public. This may include work in sales, management, teaching, public service, and politics.

****Musical Theatre classes begin the first week of school and meet Tuesdays and Thursdays from 2:30 p.m. to 4:30 p.m. Following auditions in Sept. or early Oct., and continuing until the Feb. performances. Class also meets on Monday and Wednesday nights from 6:30 to 8:30 pm.

For more details see the Yale Musical Theatre web page found at yalesecondary.com. Click on the “Theatre” tag and select “Musical Theatre”

**Musical Theatre 10, 11 and 12**  4 credits each
Every February, Yale Musical Theatre puts on a show, and you can be part of it! Our musical plays are presented at the Abbotsford Arts Centre, and
include acting, singing, dancing and professional level production elements such as sets, lighting, sound, and costumes. Members of the Musical Theatre class can choose to be performers in the cast, members of the Technical Crew or play in the Pit Orchestra. No previous experience is necessary for either the Performance or Technical streams. No auditions are necessary to be part of the Cast. Enrollment in the Pit Orchestra is by teacher permission only.

At the grade 11 level, students are exposed to introductory and intermediate level acting methods but are still granted some opportunities for leadership and solo performance within the framework of a Musical Theatre production.

Musical Theatre 12 further develops and refines those acting and theatre concepts and skills outlined in the Musical Theatre 11 curriculum. This advanced course is designed for the highly motivated Musical Theatre student who wishes to pursue the study of contemporary dramatic and Musical or Technical Theatre theory through individual study, group discussion, focused research, and performance.

At the Grade 12 level, students are exposed to higher-level acting method and are granted opportunities for leadership and solo performances within the framework of a Musical Theatre production.

**AP Music Theory  (APMU 12)**  4 credits

This course provides students with the basics of first year university level music theory. It integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are considered an important part of the theory course.

**Career and Life Links:** Basic theory is an expectation of all music majors in post-secondary. Successful completion of this course will fulfill this basic requirement. Careers related to music include, but are not limited to: entertainment law, music education, performance, composition, music history, library studies, and recording arts.
**VISUAL & STUDIO ARTS**

**Career and Life Links for Art classes:** Art teaches the valuable skill of creative problem solving. Once students have learned this skill they can use it to solve problems in their own lives, outside of school. More than ever, employers are looking for innovative thinkers. Students that are able to solve problems creatively have an edge in the job market. Art allows students to express themselves. As students gain independence and figure out who they are, being able to express themselves through art is a wonderful outlet.

**Visual Arts 10: General**
**Visual Arts 10: Honours (VAG 10)**

Art 10 is a foundation course for Grade 10 students. Students will have the opportunity to begin or to continue developing their skills in the following areas: drawing, painting, printmaking, sculpture and design.

Honours 10: This course is designed for grade 10 students who wish to develop their skills in Art at an accelerated level. The course will parallel Art 10 with an addition of extra projects and expectations. A minimum of 6 hours per week outside of class time is required. A minimum average of 75% must be maintained in order to remain in Honours Art 10.

**Visual Arts 10: Ceramics & Sculpture (VAC 10)**

**Prerequisite:** Art 9 or VAG 10

The objective of this course is to provide technical skills and theory in the process of three-dimensional design. Media explored will be soapstone, wire, plaster, wood and clay.

**Art Foundations 11 (AF11)**

**Prerequisite:** none

This course is designed for the grade 11 student who has not enrolled in an art class since grade 9. It offers a broad range of opportunities for creating and responding to basic visual arts concepts. It will provide a program of study in both 2-D and 3-D art forms such as drawing, painting, sculpture, printmaking and design.
There are no prerequisites for this course. Students with previous art experience are advised to take Drawing and Painting 11, Printmaking and Graphics 11 or Ceramic and Sculpture 11.

**Career and Life Links:** If you are interested in art as a hobby and would like to improve your skills in drawing, painting, design, ceramics or printmaking, Art Foundations 11 is the course for you.

**Art Foundations 12 (AF12)**

Prerequisite: None

This course is designed for the grade 12 student who has not enrolled in an art class since grade 9.

This course offers the same range of opportunities for creating and responding to visual arts as Art Foundations 11. 2-D and 3-D art forms such as drawing, painting, sculpture, printmaking and design will be explored.

There are no prerequisites for this course. Students with previous art experience are advised to take Drawing and Painting 12, Printmaking and Graphics 12 or Ceramic and Sculpture 12.

**Career and Life Links:** If you are interested in art as a hobby and would like to improve your skills in drawing, painting, design, ceramics or printmaking, Art Foundations 12 is the course for you.

**Studio Art 11: Drawing & Painting (SADP 11)**

Prerequisite: Art Foundations 11 or Art 9 or Art 10

This course will explore a wide range of media – pencil, pastel, charcoal, acrylic, ink and water-color. Subject matter will include architecture, portraiture, landscape, and illustration. It is designed for students with previous art experience.

**Career and Life Links:** This is a course designed for those looking to pursue art-training at the post-secondary level. Anyone considering a career requiring creativity (graphic design, commercial art, animation, the video game industry, the film industry, fashion design etc.) would greatly benefit from this course.

**Studio Art 11 Honours: Drawing & Painting (SADP 11)**

Prerequisite: VAG 10/10H

This course is designed for students who will be taking Advanced Placement Art in grade 12.

Twelve projects in the Breadth category of the AP Art 12 Portfolio will be completed during the semester, as well as 2 projects in the summer. This course is for highly motivated students. A minimum of ten hours of work per week outside of class time is required.

A minimum average of 75% must be maintained in order to remain in this course.

**Studio Art 11: Ceramics & Sculpture (SACS 11)**

Prerequisite: Art 9 or Visual Arts 10 or Visual Arts 10 Ceramics & Sculpture.

This course continues to provide technical skills and theory of three-dimensional media and design. Three-dimensional media such as soapstone, wire, plaster, formed paper and clay will be used.

**Studio Art 11: Printmaking & Graphic Design (SAPG 11)**

Prerequisite: Art Foundations 11, Art 9 or 10, or Studio Art Drawing & Painting 11

Are you a creative individual with a flair for design? Do you like to design things like t-shirts, logos, and CD covers? Are you interested in pursuing a career in commercial art or graphic design? Then Printmaking and Graphics is for you.

The course explores how to use various artistic techniques in advertising, packaging, and mass communication. Printmaking techniques include screen printing, etching and lino print.

**Career and Life Links:** If you want a career in graphic design, commercial art, animation, the video game industry, the film industry, fashion design, or any career requiring creativity and an eye for detail, Printmaking and Graphics 11 is the course for you.

**Studio Art 12: Drawing & Painting (SADP 12)**

Prerequisite: Any Art 11 course

This course is designed for students who want to continue developing their skills and knowledge in the areas of drawing and painting. The projects completed in this course are designed to become part of an art portfolio.

**Career and Life Links:** This course is recommended for those who wish to further develop their skills in preparation for art-training at the post-secondary
level. The course would further benefit those wishing to pursue any career requiring creativity (graphic design, commercial art, animation, the video game industry, the film industry, fashion design, etc.).

**Studio Art 12: Ceramics & Sculpture**  
(SACS 12)  
4 credits  
*Prerequisite: Studio Art 11: Ceramics & Sculpture*  
This is an advanced course in three-dimensional media. It consists of a more in depth exploration of the methods and materials examined in Ceramics & Sculpture 11.

**Studio Art 12: Printmaking & Graphic Design**  
(SAPG 12)  
4 credits  
*Prerequisite: Any Art 11 course*  
This course is designed for those students who want to continue developing their skills and knowledge in the areas of printmaking and graphic design. The projects completed in this course are designed to become an integral part of an art portfolio.  
**Career and Life Links:** This course is recommended for those who wish to further develop their skills leading towards a career in graphic design, commercial art, animation, the video game industry, the film industry, fashion design, or any career requiring creativity and an eye for detail.

**AP 2-D Design Portfolio**  
(A2DP 12)  
4 credits  
*Prerequisite: A portfolio of past work must be presented to the teacher for evaluation before being admitted into the program.*  
The student is offered the stimulating challenge of a college-level course. A personal portfolio is prepared during the year and submitted to The College Board in May of the student's graduating year. This course is designed for highly motivated students. It requires a minimum of 12 hours of work outside of class time per week.

The College Board will provide a comprehensive analysis of the student's work.  
**Career and Life Links:** This course is not exclusive to students pursuing a career in art. Art teaches the valuable skill of creative problem solving. Once students have learned this skill, they can use it to solve problems in their own lives, outside of school. More than ever, employers are looking for innovative thinkers. Students that are able to solve problems creatively have an edge in the job market. Students can create an art portfolio for admission into college or university in this class.

**Visual Arts: Media Arts 11**  
(VAMT 11)  
4 credits  
This course is concerned with developing skills in the areas of black and white photography, film production, editing, special effects and sound effects design. Students will learn the visual and technical aspects of black and white 35 mm photography and video.

Students will gain artistic and technical skills with the 35 mm camera, darkroom, video camera and editing deck. Students must have access to a 35 mm camera. Students will be producing silent films, documentaries and short films showcasing their skills.  
**Career and Life Links:** You should take this course if you are interested in the hundreds of Film and Television careers that exist or the following careers - special effects/CGI, film editing and coloring, acting for film or television, camera operator or photographer, film directing or scriptwriting, film lighting or sound technician, continuity technician, gaffer or production assistant.

**Visual Arts: Media Arts 12**  
(VAMT 12)  
4 credits  
This course will build on the knowledge of Media Arts 11 and concentrate of film production, digital photography and manipulation of digital media. Students will be studying green screening, layering images, special effects and particle engines. Students will be producing films of various kinds and lengths. Students will become proficient in using Imovie and FXlab pro.  
**Career and Life Links:** You should take this course if you are interested in the hundreds of Film and Television careers that exist or the following careers-Special Effects/CGI, film editing and coloring, acting for film or television, camera operator or photographer, film directing or scriptwriting, film lighting or sound technician, continuity technician, gaffer or production assistant.
Career and Life Links for Art classes: All Peer Helping courses are recommended for those wishing to pursue a career in education or special education or related fields.

Peer Tutoring 11 (YIPS-1B) 4 credits  
Prerequisite: Teacher Permission

This course is available to Grade 11 and 12 students who have a “B” average and an excellent attendance record. The course provides an excellent opportunity for students to gain experience in helping peers. Students will be assigned to work with individual students or selected classrooms. Evaluation will be based on assignments, teacher evaluation, attendance and journals. This is an experiential course, so excellent attendance is mandatory.

Peer Tutoring 12 (YIPS-2B) 4 credits  
Prerequisite: Teacher Permission

Peer Tutoring 12 is available to Grade 12 students with a solid academic background. The course will involve helping students in regular classroom teaching environments. This is an experiential course, so excellent attendance is mandatory.

Community Services 12 (YIPS-2C) 4 credits  
Prerequisite: Teacher Permission

This course is designed to give grade 11 and 12 students the opportunity to work in an environment where they learn to provide specialized assistance to students with special needs. Students will work under the supervision of the Resource Room teacher to provide assistance to students in a variety of contexts. Students will develop instructional skills, communication skills, leadership skills, teamwork, interpersonal relations and conflict management. Students will also learn the value and complexity of social diversity. The course will include some theoretical study in the area of exceptionality, instructional skills, communication skills and leadership skills, and will apply that learning in the context of working with special needs students.

Fine Arts Assistant 11: Music/Art (YED—1A) 4 credits  
Prerequisite: teacher permission

This course is essentially an opportunity to provide assistance to a classroom teacher in the Fine Arts area. The course will provide leadership opportunities for advanced level students.

Students must have teacher permission.  
Career and Life Links: This is a class to consider if you want to pursue a career in teaching or working with children. It provides leadership opportunities for advanced level students.

Applied Skills Assistant 12: (YED—2A) 4 credits  
Prerequisite: teacher permission

Students selecting this course should be interested in helping teachers and students in any applied skills course. Students must have teacher permission.
Link Crew 11: (MIDS-1A) 4 credits

Link Crew is a Grade 9 transition program whose objectives are to: empower grade 11 and 12 students as role models; increase academic success through support of peers; to develop leadership skills in students at Yale; to pass on positive traditions; to expose students to a variety of individuals at Yale in positive situations; and help foster a supportive and positive atmosphere at Yale.

Individually selected grade 11 and 12 students are trained in team-building activities, cooperative skill development and discussion skills. Each Link Leader then receives a list of 10 Grade 9 students to telephone and personally invite to the orientation, to work with at orientation and to stay in touch with throughout the school year. Link Crew members become leaders, motivators, role models and teachers.

This course is offered outside the regular timetable.

If interested in getting involved, see Mrs. Burdeyny for an application.
TRAVERSE PROGRAM
(Behaviour)

**Student Eligibility for Program**

Student must be experiencing behavioural difficulties OR social/emotional problems that interfere with their progress.

**Referral Process**

Referral is done through counsellors, or administrators, to the School Based Team.

**Purpose of Program**

To help students be successful and provide a sanctuary within the school setting. The Traverse staff act as advocates for the students.

**Some Approaches Used in This Program**

- Provide emotional support
- Assist with teacher/administrator conflicts
- Monitor academic progress and behaviour in classes
- Communicate and collaborate with staff, parents, and other agencies
- Teach pro-social skills
- Actively assist any teacher experiencing student behavioural difficulties in the classroom

For information contact Mr. Franke Roffel

MILD INTELLECTUAL DISABILITIES PROGRAM
(Work Study/Work Experience)

**Referral Process**

Referral to counsellor, testing at school and district level, and screening by district committee.

**Purpose of Program**

To support integration and to provide instruction in basic academic subjects to students for whom integration is not appropriate.

To prepare students for meaningful assimilation into the work force through work experience activities.

For information contact Ms. Holly Latam
MODERATE INTELLECTUAL DISABILITIES PROGRAM

Student Eligibility for Program
Must meet ministry criteria for the Mild Intellectual Disability category.

Student Eligibility for Program
Must meet ministry criteria for the Moderate Intellectual Disability category. Students will have qualified for this program in elementary school.

Purpose of Program
To prepare students and assist them in becoming independent and confident members of society. To provide academic and social support to students based on individual needs. Students are integrated as much as possible with support from the teacher assistants and the program teacher. When necessary, course material is modified and the student is presented with various methods by which to master it. Teaching of personal living skills and strategies to resolve frustration and stress is integral to the program.

For information contact Mr. Colin Colquhoun

LEARNING RESOURCE PROGRAMS
(Learning Disability and Learning Assistance Support)

These programs provide academic support to students who are designated as having a learning disability and to those who qualify for learning assistance support. Some students with physical or chronic health problems also receive support through these programs.

Referral Process for New Students
Through counsellor, or administrator, to School Based Team. Referral form available from counsellors.

Support Services Delivery
Academic Support is normally delivered to students by one or more of the following methods:
• During the student’s scheduled resource room block by the resource teacher.
• In the regular classroom by the teacher after consultation with the resource teacher.
• Peer tutor provides assistance to the student in the regular class.
• Student goes to resource room for part of the class to receive assistance or write exams.
• A teacher assistant provides support in the regular classroom. Teacher assistant time is very limited and is assigned to the most “needy” students.
• Resource teacher monitors progress of students through consultation with classroom teacher(s) and periodic meetings with the students.

Student Requirements for Continuing Support
To determine if they are eligible to receive continuing Resource Room support, students will be individually evaluated at the end of each semester according to the following criteria:
• Good attendance and punctuality.
• Met with classroom teachers
• Completed homework on a regular basis.
• Made good use of time in the resource room.
• Did not distract or negatively impact the learning of others in the Resource Room.

For information contact:

• Mr. Ron Hyde
• Mr. Rod White
• Mrs. Jan Solomon
SCHOLARSHIPS, BURSARIES, AWARDS AND FINANCIAL ASSISTANCE

Five very informative sites are:

Yale Secondary Website: http://www.yalesecondary.com/
Unlock your future: http://www.keytoscholarships.com/
Student Aid BC / Canada Student Loan: http://www.aved.gov.bc.ca/studentaidbc/
Student Awards – Canada Wide: http://www.studentawards.com
Scholarships Canada: http://www.scholarshipscanada.com

Some of the awards Yale students win in their graduating year:

1.) Abbotsford Community Foundation Awards
Each year, numerous scholarships and bursaries are awarded to deserving graduating students in Abbotsford. Students receive information booklets in February. These booklets contain a description of each award and instructions on how and when to apply. More information can be found at http://www.abbotsfordccf.org/grantsawards/awardsprogram.html

2.) Dogwood District Scholarship Program
Students in the areas of fine arts, applied skills, physical activity and second languages apply in October to complete a major project over their grade 12 year that showcases their skills. Projects are adjudicated in April and those marks plus marks from specialty courses and grade 12 year courses are counted. Winners receive $1000.00. In 2012, 20 Yale students received awards.

3.) Provincial Scholarships
$1,000.00 Graduation Program Exam scholarships are awarded to the top 5,000 students provincially, based on their provincial exam scores. Provincially examinable courses that are eligible for this award include, English 10, Science 10 and Math 10, Social Studies 11 and English 12 or Communications 12. Students must also have at least a “B” standing for a final mark in either English 12 or Communications 12 to qualify for this award. http://www.bced.gov.bc.ca/awards/scholarships/scholarship_prov.htm

4.) Passport to Education
Passport to Education awards are $250.00 in grades 10 and 11 and $500.00 in grade 12 for a total of $1000.00. There are 9000 stamps issued each year throughout the province and stamps are given out based on final report card percentages. http://www.bced.gov.bc.ca/awards/passport/
CREDITS FOR LEARNING OUTSIDE THE CLASSROOM

Language Challenge
If students have previous language learning that has no documentation, they can go through a challenge process to receive credit for this. It is not a replacement for classroom learning but recognition of significant learning outside the school system. In October each year, students can pick up a language challenge package from the counsellors. The form must be returned to the counsellor by early November. The school will do an initial assessment and the Fraser Valley Distance Education School will provide the exams for those who are qualified. The fee for challenge is $50.00, refundable on completion.

External Credits
B.C. students can receive credits for successfully completing courses approved by the Ministry of Education that are offered outside of the B.C. Secondary school system. A complete list can be found from your counsellor or on the Ministry of Education website: www.bced.gov.bc.ca/graduation/external_courses.htm

The following are some courses that have been presented by students at Yale Secondary for external credit:

Music: Royal conservatory
Dance: Jazz, Highland, Tap Modern Theatre Dance, Ballet
Speech & Drama: Acting, Duologue, Trinity College Drama, Effective Communications, Speech & Drama
Sport: Athlete, Coach, Official (48+ different sports)
Youth Development: 4H, Cadet – Air, Sea, Army, Scouts, Guides
Position Yourself for Success!

Position yourself for success and starting planning your future NOW! Enroll in a Career and Technical Program while still in high school.

Leave high school with post secondary credits, industry certification, highly sought after job skills, and relevant work experience that will give you a leg up when applying to work or furthering your studies.

Graduate from your Home High School

Complete the academic high school course requirements at your home high school.

Complete the required technical training where it's offered, for example, some programs are offered at the University of the Fraser Valley Campus in Chilliwack or on King Road in Abbotsford; another program is offered at the Kwantlen Polytechnic University Campus in Langley, while others are offered at the various secondary schools in Abbotsford. The length of training varies with each program. See School District No. 34 - Career Options, on back of page.

Then ..... Return to your home high school to complete regular high school academic requirements and/or to participate in graduation related activities and events.

For more information please go to: www.abbotsfordcareerprograms.com
S.D. No. 34 - Abbotsford District Career Programs

How to Apply

1. Pick up an application package from your school’s Counselling/Career Centre or from the District Career Programs Office located at 2606 Alliance Street, Abbotsford, BC V2S 3J8.

2. Have a teacher complete a "school reference form."

3. Complete the "statement of interest form."

4. Attach a copy of your most recent report card.

5. Deliver your completed application form to the District Career Programs Office located at 2606 Alliance Street, Abbotsford, BC V2S 3J8. For more information contact 604-504-4618 Local 1802.

Students will be contacted to set up an interview time. There is often not enough seats for the number of applicants applying to these programs. Don’t be disappointed. Apply Early. Apply Today. Admission Priority is given to those who apply before March 2, 2012.

School District No. 34 - Career Program Options:

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