



COURSE PLANNING BOOK

2015-2016

Mr. Don Balcombe, Principal

Mr. Jeff Huggins, Vice Principal

*Mrs. Lori Knight,
School Counsellor*

*Ms. Brandice Mohr,
School Counsellor*

KALAMALKA SECONDARY SCHOOL
7900 McClounie Road • Coldstream, BC • V1B 1P8
250-545-1396 **phone** • 250-545-7394 **fax**
www.kalamalka.sd22.bc.ca



INDEX

GENERAL INFORMATION	3
GRADE 8 REQUIRED COURSES	14
GRADE 8 ELECTIVES	15
GRADE 9 REQUIRED COURSES	17
GRADE 9 ELECTIVES	18
GRADE 10, 11 & 12 LANGUAGE ARTS/HUMANITIES	20
GRADE 10, 11 & 12 MATHEMATICS	26
GRADE 10, 11 & 12 SCIENCE	28
GRADE 10, 11 & 12 APPLIED SKILLS	30
GRADE 10, 11 & 12 FINE ARTS	33
GRADE 10, 11 & 12 LANGUAGES	36
GRADE 10, 11 & 12 PHYSICAL EDUCATION	37
GRADE 10, 11 & 12 CAREER & BUSINESS EDUCATION	38



GENERAL INFORMATION

INTRODUCTION

Kalamalka Secondary offers diverse programs, services and opportunities to meet the needs of its learners. We encourage the active participation of the student and their parents in formulating choices to meet the student's optimum educational and career goals.

We also encourage students to select a variety of courses to explore their talents, abilities and interests. Students can then make wise choices in their graduation program, which will direct options at the post-secondary level and in the workplace.

We make every effort to make information available to students and parents to help them make appropriate choices in course selection. However, **it is the final responsibility of each student and his/her parents/guardians to make the final choices.** Counsellors welcome your questions.

STUDENT SERVICES

COUNSELLING

Counsellors extend a warm welcome to all students and especially those who will be new to our school. Students use counselling services in a variety of ways:

- to explore and develop educational plans
- to mediate between peers, the school and their parents
- to gain information about educational opportunities and community resources
- for self exploration
- during time of crisis

Counsellors consult with administrators, teachers, parents and support staff regarding the educational, personal and social development of students. Through personal, educational and career counselling, students are helped to discover their strengths, challenges, needs and values. They are encouraged to develop qualities which will help them become self-reliant. They learn that they are in charge of and responsible for their actions.

Students can make their own appointments with any counsellor. Take a minute to get to know us - we welcome the opportunity!

Parent inquiries are also welcomed by the

counsellors. If parents wish to speak with a counsellor, appointments can be scheduled by contacting the school.

LEARNING CENTRE

The Learning Centre at Kalamalka Secondary provides a variety of services to students. The goal of these services is to provide students with supplementary support so they can function successfully in the regular classroom.

Learning Centre services include individual and small group instruction, peer tutoring and individualized programs for students with demonstrated severe learning differences. These services may be provided in the Learning Centre or in the regular classroom.

The support provided focuses on understanding learning styles and learning strategies such as organization, time management, study skills, listening, note taking and test writing. Students in need of Learning Centre services are usually referred by classroom teachers, counsellors, administrators or parents.

In addition to the service provided during class time, we also have the Homework Club during lunch, Monday through Friday. The Homework Club is used by students on a volunteer basis. It provides a workspace for students to do their homework and ask questions if they need clarification.

LIBRARY SERVICE

The Kal library is a well-equipped facility. Over 6000 text based reference materials; along with 2000 fiction titles are available for student use. Evolving features in the Kal Library are the 36 computers which support curriculum topics. For example, word processing programs support the English 8 - 12 curricula while the interactive Physics program is designed to augment the Physics 11 and 12 courses. A wealth of library information can be accessed from home at www.kalamalka.sd22.bc.ca/library

All computers and their applications are configured to enrich course curriculum.

The library staff welcomes and encourages all students on their educational journey. We hope everyone finds the library a location conducive to study and research as well as a location which is both pleasing and comfortable.



COURSE SELECTION

WHAT YOU NEED TO KNOW

To help students and parents in their decisions regarding course selections, the following suggestions are provided.

Factors to consider in final course selection:

- the career the student may choose
- the educational goal of the student
- the student's scholastic ability
- the student's reading ability
- the student's work habits and drive to succeed
- the student's record of attendance
- Universities and Colleges have different admission requirements for each of their programs
- the admission requirements change from year to year. It is each student's responsibility to check specific admission requirements for each university or college program.

GRADE 8 COURSE REQUIREMENTS

All Grade 8 students must take 8 courses.
The grade 8 program is as follows:

- English 8
- French 8
- Math 8
- Physical Education 8
- Social Studies 8
- Science 8
- Elective:
 - ❖ Grade 8 Elective Rotation:
includes...
Art, Drama, Computers, Foods,
Textiles & Woodwork
 - or**
 - ❖ Band 8 (if chosen, would also
receive ½ of Elective Rotation
courses)
- Health and Careers 8/9

GRADE 9 COURSE REQUIREMENTS

- English 9
- Mathematics:
Math 9 or Math 9 Numeracy
- Physical Education 9
- Science 9
- Social Studies 9
- plus elective(s) of the student's choice

GRADE 10, 11 & 12 COURSE REQUIREMENTS

Please see Graduation requirements on the next page.

REPEATING COURSES TO UPGRADE MARKS

Hoping to improve a mark, students may request permission to repeat a course they have already passed. Permission to repeat is granted based on:

- availability of space in the course **and**
- School Based Team recommendation.

Repeating a course to improve a mark is a privilege, not a right. Any student repeating a course who is not attending regularly and/or is not keeping up with assignments may be removed from the course.



GRADUATION REQUIREMENTS

WHAT YOU NEED TO GRADUATE

Starting in Grade 10 you have a lot of choice about what you learn. In order to graduate with a Dogwood, every student in the Graduation Program has to pass certain basic courses, including English, Math, Socials and Science. The table below gives an overview of the minimum requirements needed to graduate:

- **48 credits from required courses**
- **28 credits from elective (non-required) courses**
- **4 credits for Graduation Transitions**

Preparing now will help ensure you get the credits you need to achieve your goals. Graduation requirements are introduced in Planning 10. For more help please ask for assistance from the school counsellor.

REQUIRED COURSES

	Minimum Credits
a Language Arts 10	4
English 10 or English First Peoples 10	
a Language Arts 11	4
English 11, English First Peoples 11 or Communication 11	
a Language Arts 12	4
English 12, English First Peoples 12 or Communication 12	
a Mathematics 10	4
a Mathematics 11	4
Physical Education 10	4
Planning 10	4
Science 10	4
a Science 11 or 12	4
Social Studies 10	4
Social Studies 11	4
or First Nations Studies 12	
a Fine Arts 10, 11 or 12 and/or	
an Applied Skills 10, 11 or 12	4
Total	48 credits

ELECTIVE COURSES

28

credits

Students must earn at least 28 elective credits for Grade 10, 11 & 12 courses.

GRADUATION TRANSITIONS

4

credits

Students must complete:

- 30 hours of community/work experience
- 150 minutes of physical activity per week
- a transition plan
- participate in an "exit" interview

OVERALL TOTAL

80 credits

Of the 80 credits for graduation at least 16 must be at the Grade 12 level including a Grade 12 Language Arts course. Others may be required or elective courses.

All Ministry-authorized and Board/authority-approved courses count toward graduation.



EXAMS

GRADUATION PROGRAM EXAMS

As a student you are required to write **five** provincial exams:

- **Grade 10 English**
- **Grade 10 Science**
- **Grade 10 Mathematics**
Apprenticeship & Workplace Math or
Foundations of Math and Pre-Calculus
- **Social Studies 11**
Or First Nations Studies 12
- **Grade 12 Language Arts**
Communications 12, English 12 or
English 12 First Peoples

For more on Graduation Program exams go to:
www.bced.gov.bc.ca/exams.

PROVINCIAL EXAMS AND YOUR MARKS

Provincial Exam results are blended with the classroom mark to generate the final course mark:

- **Grade 10 and 11** exams count for
20% of the final mark
- **English 12** exam counts for
40% of the final mark.

EXAM DATES AND VACATIONS

Provincial Exams are written in January, June and August as well as November and April & May. Not all exams are available in all sessions. Students and their parents are advised to pay close attention to the printed regulations provided by the Ministry and the school with respect to examination schedules and locations.

Parents are advised to contact the school prior to planning any vacation near the end of a semester, as Provincial Exam dates cannot be changed to satisfy individual situations.

For more on Provincial Exams go to:
www.bced.gov.bc.ca/exams.



EXTERNAL COURSE CREDITS

Students and parents should be aware that students may earn External graduation credits in Grade 10, 11 or 12 for documented proficiency in advanced academics, languages, music, dance, athletics, community youth development programs and industrial/occupational courses.

Areas that qualify for external graduation credit include:

➤ **Music:**

BC Conservatory of Music, Conservatory Canada, Royal Conservatory Music, Victoria Conservatory Music, Trinity College-London, etc.

➤ **Dance:**

Jazz, Cecchetti, Tap, Modern Theatre Dance, Royal Academy of Dancing, etc.

➤ **Drama, Speech and Effective Communication:**

Trinity College: Drama, Effective Communication and Speech and Drama, etc.

➤ **Languages:**

Challenge, equivalency and external language credit, etc.

➤ **Sports:**

Athlete, Coach, Official Youth Development: Cadets, 4- H, Guides, Scouts, etc.

➤ **Industrial and Occupational:**

Tourism, Wood products, Lifesaving, Red Cross Water Safety Instructor, First Aid, Computer Certification, ICBC Driver Ed, Canadian Private Pilot's License, etc.

More information about external course credit possibilities and challenge procedures are available

from:

www.bced.gov.bc.ca/graduation/courseinfo.

DUAL CREDIT PROGRAMS

Dual credit programs provide opportunities to students (grade 11 & 12) who are interested in pursuing a career starting in high school and receiving a minimum of 16 credits. The following programs are currently available to students:

- Automotive Tech
- Carpentry & Joinery
- Certified Education Assistant
- Culinary Arts
- Electrician
- Nursing Unit Assistant
- Plumbing
- Residential House Construction
- Welding

HOW DOES A STUDENT QUALIFY?

Students must complete an application package available at each secondary school Career Centre and submit to school Career Coordinator.

- Applications will be screened by the District Career Coordinator and suitable candidates will be interviewed.
- Final selections will be based upon a successful interview by District Career Coordinator and a post-secondary representative.

APPRENTICESHIP PROGRAMS

Apprenticeship programs provide important opportunities for secondary students who are interested in pursuing a career involving on-the-job training. Presently in British Columbia there are nearly 200 apprentice-able vocations. More information on apprenticeship and district programs is available at www.sd22.bc.ca

WHAT ARE THE BENEFITS FOR STUDENTS?

- Four courses totaling 16 credits/480 hours (SSA 11A, SSA 11B, SSA 12A, SSA 12B).
- Entry into apprenticeship while enrolled in Secondary School.
- 'Hands on' learning and experiences.
- 'Earn While You Learn' (minimum wage or better).
- Match up with an employer in the trade which the student is interested.
- There are six \$1000 scholarships if employed in the trade 6 months after completing grade 12. The student must have maintained a 70% school average.

HOW DOES A STUDENT QUALIFY?

- Students must complete an application package available from the school Career Coordinator.
- Applications will be screened by the District Career Coordinator and suitable candidates will be interviewed.
- Final selections will be based upon a successful interview by District Career Coordinator and a post-secondary representative.



POST-SECONDARY EDUCATION

TO APPLY TO COLLEGES/UNIVERSITIES:

When planning for post secondary education it is imperative that students and parents understand that graduation from secondary school does not guarantee entry into an institution of advanced training or education. While there are specific requirements that must be met for graduation, there are also particular entrance requirements for **each** college and university program.

It is the student's responsibility to research and determine the entrance requirements for each program/faculty of interest.

Information on current college and university entrance requirements can be obtained from a number of sources. While the counselling department has most college and university calendars, which outline entrance requirements, the most current and accurate information can be obtained on-line from each institute's website. The information on these websites is the most accurate and is updated frequently to reflect on-going changes. To locate an institution's website, type the name of the institution in the search function of your web browser. This research should begin as early as grade 10 to ensure that proper **Recommended Prerequisites** are taken from grades 10 to 12. Counsellors are available to assist in this process.

If a student is unsure about what program(s) he/she might like to enter after they graduate, they should research the various programs offered at different colleges, technical schools and universities to see what programs are available. If, after doing research, a student is still unsure about what they might like to do, he/she should enrol in high school courses that will allow them to apply to a general department such as Arts or Science and/or in courses that will allow them a number of possibilities after graduation. Again, counsellors are available to assist in this process.

Counsellors provide information sessions for students throughout the year. In addition, the counsellors will provide evening, grade-specific presentations for students and parents during the spring "Course Planning Process". Notices

detailing the date and time of each presentation will be sent home a few weeks prior to the presentation and will also be posted on the Kalamalka Secondary School website.

TO APPLY TO COLLEGES/UNIVERSITIES:

Post-secondary institutions require you to complete specific courses and obtain a minimum grade point average for each program. Careful planning in Grades 10, 11 and 12 will ensure you have all the courses and credits you need to attend a post-secondary institution.

PASBC ON-LINE COMMON APPLICATION

Students can now apply online at the following internet address: <https://applybc.ca>. Post-Secondary Institutions have different application deadlines – some may be as early as October and others as late as March. Students must consult the Post-Secondary web sites. Each institution charges an application fee and your application will not be activated until your fee payment has been received.

FINANCIAL ASSISTANCE

Financial assistance for post-secondary education is available in the form of scholarships, awards, bursaries and loans. Scholarships are awarded on the basis of academic excellence; awards are granted in recognition of outstanding extracurricular contributions to the school or community; bursaries are given to students who demonstrate financial need. Student loans are administered by the financial aid offices of postsecondary institutions and are available to students who meet specific qualifications. It should be noted that students in their first year of post-secondary study rarely qualify for government student loans.

FINANCIAL ASSISTANCE RESOURCES

Detailed financial aid information can be found at the following websites:

- **BC Student Financial Aid Online Application**
www.aved.gov.bc.ca/student services/ila



POST-SECONDARY INSTITUTIONS

BRITISH COLUMBIA INSTITUTIONS

BC Institute of Technology

Burnaby
(604) 434-1610
www.bcit.bc.ca

Business, Journalism, Education, Engineering & Related Technologies, Environmental & Resource Science, Health Care, Trades

Camosun College

Victoria
(250) 592-1556
www.camosun.bc.ca

Business, Tourism, Trades, Health Care, Physical Sciences, Education

Capilano University

North Vancouver
(604) 986-1911
www.capilanou.ca

Fine Arts, Business, Computer Studies, Environmental Science, General Sciences, Tourism, Education

College of New Caledonia

Prince George
1 800 371-8111
www.cnc.bc.ca

Academic Arts, Business, Aviation, Computer Studies, Forest Technology, Natural Resources, Dental, Nursing, General Sciences, Tourism, Trades, Education

College of the Rockies

Cranbrook
1 877 489-2687
www.cotr.bc.ca

Academic Arts, Business, Dental, Nursing, Recreation, General Science, Tourism, Trades, Education

Douglas College

New Westminster
(604) 527-5478
www.douglas.bc.ca

Music, Theatre, General Arts, Business, Computer Studies, Environmental Science, Dental, Nursing, Criminology, Recreation, General Science, Social Services

Emily Carr Institute

Vancouver
1 800 832-7788
www.ecuad.bc.ca

Excellence and innovation in visual arts, media arts and design.

Institute of Indigenous Government

Vancouver
(604)602-9555
www.indigenous.bc.ca
Aboriginal Programs (Arts & Humanities)

Justice Institute of BC

(604)525-5422
www.jibc.bc.ca

New Westminster
Police training, counsellors, corrections workers, court staff, fire fighters, paramedics, search & rescue teams, and community agency staff.
government staff

Kwantlen University College

Surrey, Richmond, Langley
(604) 599-2100
www.kwantlen.bc.ca

Media Communications, Education, Computer Studies, Drafting, Electronics & Electrical Technology, Nursing, General Science, Social Services, Hospitality Management, Trades Animal Health, Fine & Applied Arts, Academic Arts, Business,

Langara College

Vancouver
Business, Computer
(604) 323-5511
www.langara.bc.ca

Studies, Environmental Science, Health Care, General Sciences, Animal Health, Fine Arts, Academic Arts, Social Services, Hospitality Management, Education



Vancouver Island University

Nanaimo
(250) 741-2408
<http://www.viu.ca/>
Computer Studies, Electrical & Electronics,
Technology, Fisheries,
Forests & Natural Resources, Dental, Nursing,
General Sciences, Animal Health, Horticulture,
Fine Arts, Academic Arts, Business, Education
Social Services, Hospitality, Management, Trades

Nicola Valley Institute of Technology

Merritt
1 877 682-3300
<http://www.nvit.bc.ca/default.htm>
Aboriginal Programs, Fine Arts, Business,
Forestry & Natural
Resources

North Island College

Vancouver Island
1 800 715-0914
www.nic.bc.ca
Fine Arts, Academic Arts, Business, Computer
Studies, Environmental Science, Nursing, General
Science, Social Services, Trades

Northern Lights College

Northern BC
(250) 782-5251 www.nlc.bc.ca
Fine Arts, Academic Arts, Business, Aircraft
Maintenance, Nursing, General Science, Social
Services, Trades, Education

Northwest Community College

Terrace
1 877 277-2288
www.nwcc.bc.ca
Academic Arts, Business, Applied Technology,
Environmental Sciences, Natural Resource
Mgmt., General Sciences, Education

Okanagan College

Kelowna
(250) 762-5445
www.okanagan.bc.ca
Fine Arts, Academic Arts, Business, Education,
Drafting, Computer Studies, Electrical &
Electronics Technology, Natural Resources,
Dental, Health Care, Nursing, General Sciences,
Social Services, Tourism, Trades

Royal Roads University

Victoria
www.royalroads.ca
Business, Environmental Science. Focused on the
needs of mid-career learners.

Selkirk College

Castlegar
(250) 365-1273
www.selkirk.bc.ca
Music, Academic Arts, Business, Education,
Computer Studies, Electronics & Electrical
Technology, Forest & Natural Resource
Technology, Nursing, Legal Assistant, General
Sciences, Hospitality Management, Trades

Simon Fraser University

Burnaby
(604) 291-5467
www.sfu.ca
Fine/Applied & Performing Arts, Academic Arts,
Business, Communications, Education,
Engineering, Environmental & Natural Resources,
Criminology, Physical Sciences, Social Sciences

Thompson Rivers University

Kamloops
(250) 828-5000
www.tru.ca

Trinity Western University

Langley
(604) 513-2019
www.twu.ca
A private Christian Liberal Arts and Sciences
university.

University of British Columbia/Vancouver

Vancouver
(604) 822-3014
www.ubc.ca
Agricultural Sciences, Fine/Applied & Performing
Arts, Academic Arts, Business, Education,
Engineering, Environmental

University of British Columbia/Okanagan

Kelowna
(250) 491-6521
www.okanagan.ubc.ca/welcome
Social Sciences, Social Services Resource
Science, Health Sciences, Law Physical Sciences,



Course Planning Guide Book 2015-2016

Ph: 250-545-1396
Fax: 250-545-7394

University of Northern BC

Prince George
(250) 960-6300
www.unbc.ca

Computer Engineering, Environmental Sciences,
Nursing, Law, Physical Sciences, Social Sciences,
Social Worker Aboriginal Programs, Academic
Arts, Business, Education,

University of the Fraser Valley (UFV)

Abbotsford
(604) 854-4528
<http://www.ufv.ca/home.htm>

Computer Studies, Drafting, Nursing, General
Science, Agricultural Sciences, Academic Arts,
Business, Education,

University of Victoria

Victoria
(250) 721-8121
www.uvic.ca

Fine/Applied & Performing Arts, Academic Arts,
Business, Education, Engineering, Environmental
Science, Nursing, Law, Physical Sciences, Social
Sciences, Social Worker

Vancouver Community College

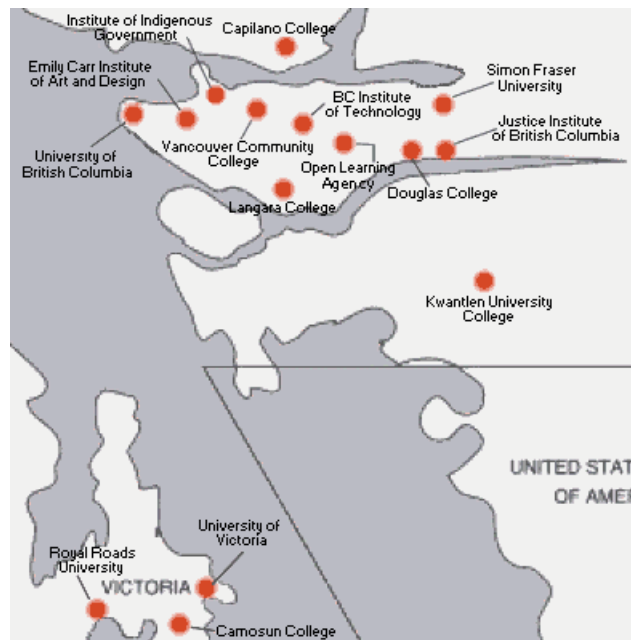
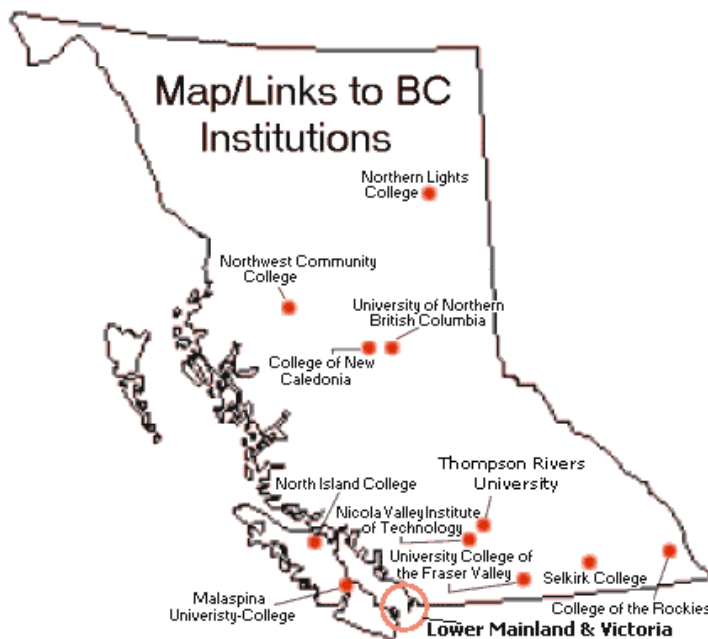
Vancouver
(604) 443-8443
www.vcc.bc.ca

Fine & Applied Arts, Academic Arts, Business,
Media Communications, Education, Drafting,
Electronics & Electrical Technology, Dental,
Health Care, Legal, Social Services, Hospitality &
Tourism, Trades

POST-SECONDARY SEARCH ENGINES

The following are links to search engines that
may help you located a best post-secondary
institution that is not listed in this book.

http://www.aucc.ca/can_uni/search/index_e.html
<http://www.educationplanner.bc.ca/>
<http://www.schoolfinder.com/>





THE ADVANCED PLACEMENT PROGRAM®

WHO SHOULD CONSIDER TAKING AN ENGLISH AP COURSE?

A student taking AP does not necessarily require high intelligence. The characteristics below are of greater importance than raw intelligence.

- A proven record of success in school, particularly in the regular courses that lead to the AP course that you are thinking of taking.
- A serious commitment to and recognition of the importance of education.
- Motivation to achieve an ever-higher level of personal achievement.
- A well-developed work ethic including positive attitudes towards learning, challenge, and the consistent production of high quality work.
- AP is not a gifted program for the select few. It is a program of enrichment and acceleration for the interested and motivated student.

WHAT ARE THE AP EXAMS?

Each of the AP courses has a final exam. For a college or university to consider granting you credit or placement for your AP course, you must write and pass the AP exam for that course. This exam is developed by a committee of AP teachers and University professors under contract to the College Board. The exams are 3 hours long and are written worldwide during the second and third week in May each year. The exams are sent to the College Board who hires AP teachers and University professors to mark them. Results of the exam are converted to a 5-point scale and mailed to students, their secondary school and colleges or universities of the student's choice. The mark on the exam is really the College Boards way of providing recommendations to universities about the relative preparedness of this student for advanced placement at their university.

DO CANADIAN UNIVERSITIES REALLY ACCEPT AP?

Yes! Every university develops their own acceptance policy for AP as they see fit, but all major Canadian Colleges and Universities have acceptance policies in place that grant AP students placement, course credit or both. For example, McGill grants credit and placement for any AP course with a score of 3 or better. UBC grants credit for some and placement for others. Your counsellor can provide you with each University's policy.

COST

The fee for each AP Exam is \$86, in US funds. The corresponding amount in Canadian funds is calculated according to current currency exchange rates.



DISTRICT PROGRAMS

VIRTUAL CLASS PROGRAM

The Vernon School District's Virtual Class Program will offer senior students in all SD#22 high schools the choice of 3 Virtual Class courses. Courses will include Chemistry 12, Physics 12 and Calculus 12. The significant growth of this option is directly related to its unparalleled success over the past three years. This provincially recognized program uses innovative learning technology to deliver "live" and recorded classes to students throughout BC. Students need only have access to an internet enabled computer, a headset and for some courses, a Wacom tablet. Specialist classroom teachers provide 'live and interactive' instruction to students situated in various locations throughout the school district and province.

Classroom instruction occurs "live" daily via interactive web based software, teacher websites and learning resources and are also fully recorded and available for study and review 24/7. This means that students never miss any instruction, whether they are sick, travelling or away pursuing athletics or other activities, and can review all teaching, lessons, material and resources as often as necessary. Students and parents love the technology and the flexibility and advantages it provides.

Students interested in these courses are encouraged to speak with their school counsellors to request this option as part of their program selection. The Vernon Virtual class program has been featured at four provincial conferences and was recently recognized by the Ministry of Education and the B.C. School Trustees' Association for its excellence in learning innovation.

DL ONLINE LEARNING

The Vernon School District's Distributed Learning program has experienced significant growth since 2006-2007. From its beginnings as a Home Learner support program in 1998, vLearn.ca programs will serve in excess of 400 students this school year. The program provides a flexible way for grade 10-12 students to complete graduation program credit core and elective courses who may have timetable conflicts, want to graduate early or who need to free up time in their busy lives for other activities. Students must meet with their specialist teacher once per week and complete their online paced lessons, and assignments on an agreed upon but flexible schedule. Students may accelerate their learning or take more time if needed. Teacher coordinators in each of the high schools provide a work space and additional support to ensure a successful learning experience in the online courses. To register for Distributed Learning programs students and parents should arrange to speak with their school counsellor to discuss their graduation plan. Schools will then facilitate an application and arrange for registration with www.vLearn.ca at The Open Door Learning Centre. Full time Kindergarten to Grade 12 online students may contact vLearn directly at 542-0249.

Courses:

<http://www.vlearn.ca/secondary/courses.htm>

SCHOOL DISTRICT NO.22 OFFERS

The School District offers many other programs such as; Forestry, Soccer, Hockey, Baseball, Snowsports, Global Education, Students Without Borders Academy, AP Economics and Secondary School Apprenticeship.

For more information there are links available on the district website <http://www.sd22.bc.ca>



GRADE 8 • REQUIRED COURSES

ENGLISH 8

EN8

Listening, speaking, reading, writing and language skills will be taught. The study of literature using novels, poetry and short fiction will emphasize appreciation and enjoyment. Reading skills are reinforced through the sustained silent reading program and self-directed student writing through the use of student journals. A departmental final exam will be written by all English 8 students.

FRENCH 8

FR8

This course further develops the concepts begun in elementary school. Through increased participation in oral dialogue, projects, games, reading and writing, students use French to communicate and acquire information. Projects and presentations are an integral part of each unit. Students learn to converse in present and future time. Students are expected to pass written final exam to progress to the next level. A French/English dictionary is recommended

MATHEMATICS 8

MA8

In Mathematics 8, students study the following topics: problem solving, number concepts, number operations, patterns, variables and equations, measurements, 2-D & 3-D objects, statistics and probability.

MATHEMATICS 8 NUMERACY

MA8N

In Mathematics 8 Numeracy, students study topics that complement the Math 9 Numeracy course. The following topics are covered: operations, fractions, decimals, ratios and proportions, percent, measurement, area, volume, graphs and integers. This course is designed for those grade 8 students who have struggled with math concepts all through elementary school. Students who take Math 8 Numeracy continue in Math 9 Numeracy or enrol in the regular Math 8 course the following semester or in grade 9. Students are referred to this course through their grade 7 teacher.

PHYSICAL EDUCATION 8

PE8

Our program goal is to develop Kalamalka students who are healthy, energetic, happy and confident largely because they are physically active. To facilitate this goal, instruction is guided by our department motto: FUN, FITNESS, FAIR PLAY, FRIENDSHIP AND FUNDAMENTALS. The main content of this course is team games. The basic skills in each sport, basic hygiene and fitness development will be emphasized.

SCIENCE 8

SC8

This is an introductory course in general science processes and skills. Units include cells and systems, optics, fluids and dynamics and water systems on Earth. Practical applications include research projects and laboratory activities.

SOCIAL STUDIES 8

SS8

The main areas of study are the fall of the Roman Empire, Europe in the early and late Middle Ages and the development of Western Civilization. There is also a comparison to other civilizations in the Middle East and Asia. Topics studied include the geographical settings, the Middle Ages, the development of empires and the growth of nations. The Renaissance and Reformation are also studied in relationship to European history. Themes regarding society & culture, politics and law, economy & technology and the environment cover the years 500 - 1600. There is also a section on geographical skills.



GRADE 8 • ELECTIVE COURSES

*Students will be given an introduction to each of these primary electives in our **Elective Rotation**. Students who choose Band will be assigned 4 additional electives from the following:*

ART 8

VA81

Art 8 serves as an introduction to secondary school art providing an important foundation not only for future art courses, but also for using visual information in all secondary school courses. The class focuses on basic skill development in the areas of drawing, painting, design and three-dimensional work.

CLOTHING AND TEXTILES 8

TXT81

In Clothing and Textiles students learn essential skills on projects that will teach them to use the sewing machine.

COMPUTER APPLICATIONS 8

IN81

This introductory course is designed to introduce students to the computer systems at Kal. Conducting database research, effective Internet searching skills and use of the Library are major units. Students will also develop skills needed to prepare reports in all subject areas.

DRAMA 8

DR81

Drama 8 is a course in developmental drama where students are encouraged to learn about themselves and those in class with them. Activities will focus on building confidence and facilitating communication. Students are encouraged to trust both themselves and one another as they develop skills essential for Drama (teambuilding, problem-solving, focus and self expression).

FOODS AND NUTRITION 8

FDN81

In Foods students will learn how to prepare foods that are fun, and fast; learn basic food preparation skills, management techniques and awareness of personal nutrition habits.

HEALTH AND CAREER EDUCATION 8/9

HCE81/HCE9

The aim of Health and Career Education 8/9 is to provide students with the knowledge, skills, and attitudes that will assist them in making informed decisions related to their health, their education, and their future careers. Health and Career Education from Kindergarten to Grade 10 represents a continuum of learning, developing and building on key concepts and abilities from year to year that enable students to become informed decision makers and active participants in planning and taking responsibility for their own lives. The HCE 8/9 curriculum recognizes the interrelated areas of intellectual development, human and social development, and career development in creating healthy and active, educated citizens.

WOOD TECHNOLOGY 8

WW81

In this introduction to wood technology, students will learn proper and safe techniques in constructing projects in a shop/lab environment. Basic projects are designed to learn safe tool operations. Students will have input into the final design of their projects.



MUSIC: CONCERT BAND 8

BA8

Band 8 is open to all students, both experienced and beginning. Band 8 takes students through technical exercises and literature that will develop their note reading, rhythm, tone quality, and intonation. Basics of music theory will be reviewed or introduced as encountered in the literature. The music played in this ensemble will expose students to a variety of musical styles. Band 8 students may be requested to learn a new instrument to help balance the group. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Some instruments are available from Kal at no cost. Regular home practice is required for success in this course. There will be at least three evening concerts that must be attended.

MUSIC: JAZZ BAND 8

BA8J (Year-long/Out-of-Timetable)

Jazz Band 8 is open to Concert Band 8 students who demonstrate outstanding progress on their instruments. This course exposes students to the basic concepts of jazz playing. Students do not sign up for Jazz Band – they are selected after demonstrating their commitment and proficiency. Classes are Tuesday at 7:00am and Thursday at 3:15pm. Regular home practice is required for success in this course. There will be at least three evening concerts and two festivals that must be attended.

MUSIC: CONCERT CHOIR 8

CH8 (Year-long/Out-of-Timetable)

Choir 8 is open to all students who wish to sing in a choir. Classes are Tuesday at 3:15pm and Friday at 7:00am. Choir members travel to Idaho in February for the Lionel Hampton International Jazz Festival, and are also part the annual Spring Tour in May. Regular home practice is required for success in this course. There will be at least five evening concerts that must be attended.



GRADE 9 • REQUIRED COURSES

ENGLISH 9

EN9

The skills of the Grade 8 English curriculum are developed in greater depth. At least one book-length work of fiction is studied, as are readings in short fiction and poetry. Language and composition techniques are emphasized, as well as self-directed journal writing. Students are introduced to the study of Shakespeare. All English 9 students will write a departmental final exam.

MATHEMATICS:

a) MATH 9

MA9

Topics covered in this course will be organized as follows: problem solving, number (concepts, operations), patterns and relations (patterns, variables and equations, relations and functions), shape and space (measurement, 3-D objects, 2-D shapes and transformations), statistics and probability.

b) MATH 9 NUMERACY

MA9N

Students who have experienced considerable difficulty in Mathematics 8 will normally advance to Mathematics 9 Numeracy, where they will study the following topics: number and number operations (whole numbers, rationales and irrationals), data analysis (organizing data, interpreting data and probability), geometry (properties of figures, right triangles and analytic geometry), measurement (perimeter, area and volume) and algebra (expressions and equations).

PHYSICAL EDUCATION 9

PE9

The major emphasis of this course is to expand and build on the basic skills taught in Grade 8 and to incorporate more individual and dual activities. Understanding the importance of lifelong fitness is also emphasized.

SCIENCE 9

SC9

This course covers chemistry (atoms and elements), physics (electronics), biology (reproduction) and astronomy. Students will carry out research reports, labs and practical projects.

SOCIAL STUDIES 9

SS9

Themes developed in grade 8 Socials are carried over covering the years 1500 - 1815 in specific application to Europe and North America. Revolutions in Europe and America are an area of study which include political, agricultural and industrial revolutions. The development of nationalism and imperialism throughout the world and the historical and geographical development of North America from early European exploration to the emergence of the United States and Canada are also studied.



GRADE 9 • ELECTIVES

ART & DRAMA 9

ZVADR9

Art 9 expands on the general introduction to secondary school art begun in Art 8. Students continue to build on observational and creative skill development, as well as technical skills using a variety of materials and processes. The elements and principles of art and design serve as a basis for projects which include: drawing, painting, collage, printmaking and sculpture.

Drama 9 continues to explore principles and techniques of developmental drama as introduced in Drama 8. Creating confidence and facilitating communication are two main themes of class activities. Drama skills are improved through script work, improvisation, theatre games, and some technical duties. Along with teamwork, problem-solving, and self-expression, students are encouraged to take more creative risks with their performance skills.

DIGITAL MEDIA DEVELOPMENT 9/10

INT10

Learn to:

- create innovative and dynamic web-pages
- create stunning PowerPoint presentations
- create fun animations
- improve and manipulate pictures using Fireworks with an intro to Photoshop (CS5.5)
- create brochures, birthday cards, calendars, etc. using Publisher
- use Word effectively (word processor)
- improve your keyboarding skills

This is an excellent course for anyone wishing to enter university, college, or the trades.

FRENCH 9

FR9

French 9 students will use a wide range of useful vocabulary and idiomatic expressions in past, present and future tenses in oral and written form. Students will share ideas and opinions, acquire information and be able to communicate effectively with each other as well as the instructor. A French/English dictionary is recommended.

HOME ECONOMICS 9

HE9

This is a 4 credit course offered as a combination of Foods 9 with Textiles 9. Students will spend 10 weeks in each area.

TEXTILES 9

TXT9

The course focuses on using a pattern and basic sewing techniques. Several projects such as boxer shorts or pajama pants and hoodies will be included, as well as a textile arts projects using tie dye. Note: Students will be required to provide some sewing supplies and materials for their projects.

FOODS 9

FDN9

Students will explore basic principles in food preparation and integrate this knowledge in proper nutrition. Foods prepared include a wide range of flour mixtures and foods from each of the four food groups. Time management skills, meal planning, preparation and services are studied.

WOODWORKING 9

WW9

Woodworking 9 is a project-oriented course using both hand tools and power tools. An emphasis is placed on safe shop behaviour and tool operation. Students are required to complete 4 different course projects that utilize various joinery and machining techniques. When time permits students will have input into the design and construction of their final projects. There will also be an introduction to drafting skills.

THEATRE PERFORMANCE 9

THP9

For more advanced performers with some experience in theatre, dance or singing. This course is designed around building and performing for audiences and at school events. Focus on advancing acting skills, vocal techniques and physical expression. Creativity is central to this course, a precursor to our 2 senior Performance Based courses.



MUSIC: CONCERT BAND 9

BA9

Band 9 is open to all students, both experienced and beginning, but beginners must be willing to put in the extra work required to catch up. Band 9 takes students through technical exercises and literature that will develop their note reading, rhythm, tone quality and intonation. The music played in this ensemble will expose students to a wider variety of musical styles than were encountered in grade 8. Band 9 students may be requested to learn a new instrument to help balance the group. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Regular home practice is required for success in this course. There will be at least three evening concerts that must be attended.

MUSIC: JAZZ BAND 9

BA9J (Year-long/Out-of-Timetable)

Jazz Band 9 is open to Concert Band 9 students who demonstrate outstanding progress on their instruments. This course exposes students to the basic concepts of jazz playing. Students are invited after demonstrating their commitment and proficiency. Classes are Tuesday at 7:00am and Thursday at 3:15pm. Regular home practice is required for success in this course. There will be at least three evening concerts and two festivals that must be attended.

MUSIC: CONCERT CHOIR 9

CH9 (Year-long/Out-of-Timetable)

Choir 9 is open to all students who wish to sing in a choir. Classes are Tuesday at 3:15pm and Friday at 7:00am. Choir members travel to Idaho in February for the Lionel Hampton International Jazz Festival, and are also part the annual Spring Tour in May. Regular home practice is required for success in this course. There will be at least five evening concerts that must be attended.



GRADE 10, 11 & 12 • LANGUAGE ARTS/HUMANITIES

ENGLISH 10

EN10 *Provincial Exam: Mandatory*

This course continues to develop the main strands of the English curriculum. In literature, a basic literary vocabulary is used in the discussion and analysis of the forms and techniques of literature. Awareness of the author's purpose and intended audience is stressed. Concepts of theme and symbolism are introduced through short stories. The formal essay is introduced.

ENGLISH 11

EN11

English 11 emphasizes continuing development of oral and written language and the analytical study of literature. Composition will focus on organization, unity and coherence in the formal essay. Contemporary Canadian literature and Shakespearean works will be among those studied.

ENGLISH 12

EN12 *Provincial Exam: Mandatory*

Critical reading and literary analysis are the basis of this course. Composition focuses on the development of a competent and mature writing style. Preparation for post-secondary English courses is a goal. Successful completion of this course meets the admission requirement for post-secondary institutions.

ENGLISH 10/11/12 FIRST PEOPLES

EFP10/11/12

Provincial Exam Mandatory for 10 & 12

English 10, 11 and 12 First Peoples are academic equivalents of English 10, 11 and 12. The course focuses on the experiences values, beliefs, and lived realities of First Peoples Aboriginal People (internationally, provincially, nationally, and locally) as evidenced in various forms of text – including oral story, speech, poetry, dramatic work, dance, song, film and prose (non-fiction and fiction). English 10 has a provincial exam worth 20% of the final course mark. English 12 First Peoples is one of three provincial courses which satisfy the grade 12 English Language Arts

Graduation Program requirements and has an examination worth 40% of the final course mark.

ENGLISH LITERATURE 12: AP[®] ENGLISH

LIT12

Prerequisite: EN11 (≥ 80% recommended)

Fees: \$86.00 in US funds, if the optional AP exam is written

This is the advanced elective course in English and must be taken in addition to English 12. This is a survey course tracing the development of English literature from Anglo-Saxon time to the 20th Century. It is particularly valuable for students who wish to acquire the wide reading background and critical skills necessary for university humanities courses. This course will be about reading poems, plays and prose throughout the ages. In addition to the English Lit 12 class, students will have a chance to meet the requirements of Advanced Placement (AP) in Literature and Composition. AP is an option for top students to write an exam in May which could give them an exemption from taking a first year English course in university or college. This means that there will be some college elements and components covered in high school. A successful AP exam result will be 3 additional credits. The focus will be on wide-ranging literary experiences in all disciplines of literature: poetry, prose, drama and expository. Also, the students will concentrate on two areas of composition: critical analysis of what is read and creative writing. This class is open to the top English students of the school in terms of both academic ability and a keen desire to excel.

LANGUAGE AND COMPOSITION 11: AP[®] ENGLISH

APELC12

Prerequisite: English 10 (80% or better recommended) Fees: \$86.00 in US funds if the optional AP exam is written.

This is an advanced elective course in English that is the gateway for success in University or college and for writing across the curriculum. Credit will be given for English 11 OR if the AP exam is written and successfully completed,



students may receive credit for both English 11 and AP in English Language and Composition. This course engages students in becoming skilled readers and prose in a variety of rhetorical contexts. The emphasis will be placed on expository, analytical and argumentative writing and speaking that forms the basis of academic and professional communication, as well as the personal and reflective writing that fosters the development of writing in any context. Some themes that will be included in the course are: Memoirs, Gender and Cultural stereotypes, Documentaries and Visual and Multimedia Arguments.

ENGLISH LANGUAGE DEVELOPMENT 10/11

YELDV10/YELDV11

This course is designed to introduce International students who speak English as a second language to the four main English language skills of reading, writing, listening and speaking. Students demonstrate proficiency in oral, visual and simple written forms using simple past, present and future tenses, as well as addressing specific needs of students regarding language and Canadian culture. Students describe and analyze Canadian culture and customs using progressively more complex vocabulary and sentence forms.

FILM APPRECIATION 11/12

YMS11/YMS12

This course will have two main elements to its structure: viewing of films and criticism of films. The viewing of the films will be divided into genres (Apocalyptic, Coming of Age, Comedy, Crime/Gangster, Dramatic, Historical/Epic, Hollywood Musical, Film Noir/Mystery, Sports, Science Fiction/Fantasy, Thriller/Horror, War, and Westerns). Each class will choose to study and focus on 6 of these genres. Each unit of study will then be based on a specific genre and we will discuss the history of that genre. Each unit of study will finish with a written criticism of the modern film watched. The students will also be given opportunities to submit critiques of current films to the local newspaper to be published. This is a class for any student who enjoys watching and discussing movies. It can also

enhance any level of writing skill and critical thinking skill that is brought into the class. This class is open to any grade 11 or 12 student without prerequisite.

SOCIAL STUDIES 10

SS10

Social Studies 10 examines topics important to Canada's social and political history that explains how Canada became a democracy. Our nation's first attempts at Responsible Government, the success of Confederation and the European settlement of the Canadian west form the basis of study. Students also learn about local history. The course includes an ongoing examination of the importance of geography in the settlement of Canada. Opportunities are provided for students to continue to develop their skills in geography, critical thinking and primary source analysis.

SOCIAL STUDIES 11

SS11

Provincial Exam: Mandatory

Social Studies 11 is comprised of three areas of study important to students' understanding of their roles as Canadian and global citizens:

- Canadian history and identity in the 20th century
- Canada's system of government
- Environmental and global issues affecting Canada and the world.

Students will expand their knowledge of the workings of Canadian society, politics & economic development. They will become familiar with their rights and responsibilities as citizens and explore important issues related to Canada's evolving identity. Through the study of Geography, students will become familiar with several environmental problems and their solutions and will gain a better understanding of the world as a global system.

HUMANITIES 11

HUM 11

Provincial Exam: Mandatory

****Earns credit for both Social Studies 11 and English 11 in the same course (8 credits)***

With an emphasis on preparation for university and college programs, this course combines the learning outcomes for English 11 and Social Studies 11. Students will remain together for the entire school year working with one senior Social Studies and English teacher in both semesters.



Skills Developed:

- Essay writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop persuasive arguments backed by facts and evidence
- Interpreting written and spoken language
- Critical thinking and analysis to determine connections between themes in literature and historical, political and environmental issues
- Problem solve by examining problem sources, interpreting information and perceiving relationships between various factors

Humanities students develop strong research, analytical, and communication skills from completing research projects, writing papers and proposals, delivering presentations, and stimulating class discussions. They also develop the ability to work in a team through group work involving other students with a variety of differing perspectives and belief systems. Curriculum and skill development from each course will be covered in depth as reading, writing skills, thinking and creative skills are closely integrated into the historical context of Canada and the world. Students make the transition to a global perspective investigating such major concerns as environmental issues, population growth, the distribution of resources, the impact of industrialization, and Canada's role in world conflicts in the 20th and 21st centuries. Geographic knowledge and skills previously acquired are reinforced and expanded through a study of global issues, Canadian politics and economy. While engaging with history, geography and politics, students will explore the topics of literature, poetry, and writing, and use the processes and skills in the English curriculum to demonstrate knowledge of the Social Studies content. An emphasis on key concepts and themes in the socials studies curriculum area, combined with writing and critical thinking skills will support students in preparation for the provincial exam in Social Studies 11, while at the same time enriching student's understanding of poetry, prose, novels and all forms of written expression.

GEOGRAPHY 12/ENVIRONMENTAL STUDIES

GEO12

Prerequisite: SS11

Satisfies Science credit at UBC/UVIC/SFU

Skills Developed:

- Writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop persuasive arguments backed by facts and evidence
- Critical thinking and analysis to determine connections between social, historical, political and environmental issues
- Problem-solve by examining topographic maps, environmental issues, interpreting information and perceiving relationships between various factors

Content:

Geography 12/Environmental Studies is not the study of maps. It will introduce you to the key environmental issues facing Canada and the world including: climate change, resource depletion, water pollution, ozone damage, species extinction and loss of animal habitat. You will gain an understanding of how human activities in cities, farms and factories impact three key areas of planet earth: biological systems, such as plants, animals, rainforests and oceans; weather systems, such as hurricanes, tornadoes and droughts; and geological features, such as mountains, glaciers, volcanoes and earthquakes. You will learn how our planet works, how it influences us in all we do and how we are changing our planet. You will study resources, how they are found and used and what might happen when we run out. You will also learn to suggest solutions to the environmental problems we create so that our impact on the physical world may be reduced for the benefit of all that reside on this rock called earth.

Students are given the opportunity to apply what they learn on a number of field trips in and around the Vernon area including: Silver Star, Ellison Park, BX Falls and the Coldstream Valley.

HISTORY 12

HI 12

Recommended Prerequisite: SS11

Skills Developed:

- Organize and present information in a coherent and logical structure and develop



persuasive arguments backed by facts and evidence

- Interpreting language in written and spoken form
- Critical thinking and analysis to determine connections between themes in history, political systems, religion, nationalism and military conflict.
- Problem-solve by examining problem sources, interpreting information, and perceiving relationships between various factors
- Writing skills crucial to success in all areas of study offered in college or university programs

Content: This course can be described broadly as a history of world affairs in the 20th century and is significant in understanding today's world. The years 1919 to 1991 were dominated by the effects of the world wars, including the decline of European power, the superpower conflict of the Cold War, and the emergence of a new era. They were also years of significant economic, social and technological change. History 12, therefore, begins with the Paris Peace Conference of 1919 and ends with the collapse of the Soviet Union in 1991, an event that to a great extent brought to a close the influence of post - 1945 events. Participation and writing skills will be integral parts of this course. Historical films and media will also be used to enhance content and concept understanding.

LAW 12

LAW12 Recommended Prerequisite: SS11

Skills Developed:

- Essay writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop persuasive arguments backed by facts and evidence
- Interpreting language in written and spoken form
- Critical thinking and analysis to determine connections between themes in literature and historical, political and environmental issues
- Problem-solve by examining problem sources, interpreting information and perceiving relationships between various

factors

This course is an introduction to the diverse aspects of Canadian law. Focus is on personal law, including criminal law, the courts and torts. A study of the Charter of Rights & Freedoms is included with a focus on human rights and police powers. There will be field trips to the courthouse, speakers, debates and mock trials. Participation and writing skills will be integral parts of this course. **This course can be used as an entrance requirement for UBCO, UVIC and SFU.**

PSYCHOLOGY 12

YPSY12

This course is an introduction to psychology investigating the question, "Why do we act, think and behave the way we do?" It is designed to prepare students for first-year college and university courses, as well as to be of general interest and usefulness. Topics may include an introduction to the science of behaviour, the fields of psychology, the brain, social psychology, altered states of consciousness, memory, personality, normal and abnormal behaviours, lifespan development, and learning. The theories of prominent psychologists are also examined.

AP-ADVANCED PLACEMENT PSYCHOLOGY

APPS12

Advanced Placement (AP) Psychology is designed to introduce students to the systematic and scientific study of human behavior and mental processes. It is an academic course that mirrors university introductory psychology. An optional international exam is administered in May. If students choose to write the exam and earn a designation of 4 or 5 (the equivalent of a "B" or higher), they will earn either first year psychology equivalency or first year elective credit.

Topics include: History and Approaches, Research Methods, Biological Bases of Behavior, Sensation and Perception, States of Consciousness, Learning, Cognition, Motivation and Emotion, Developmental Psychology, Personality, Testing and Intelligence, Abnormal Behavior, and Social Psychology.



SOCIAL JUSTICE 12

SJ12

Meets requirements as a Grade 12 academic subject

Skills Developed:

- Essay writing skills crucial to success in all areas of study offered in college or university programs
- Organize and present information in a coherent and logical structure and develop persuasive arguments backed by facts and evidence
- Interpreting written and spoken language
- Critical thinking and analysis to determine connections between themes in literature and historical, political and environmental issues
- Problem solve by examining problem sources, interpreting information and perceiving relationships between various factors

Content:

Social Justice is offered for students who enjoy thinking, writing, debating and lively classroom discussion about social and political issues such as racism, sexism, violence, poverty and drug abuse. We also look at the role of racism in war and conflict in the 20th century including a focus on genocide and the Holocaust. Social Justice 12 allows students to examine, identify and explain what they believe and the important cultural factors that have made them who they are. It attempts to help students understand North American culture, how it is created and expressed, and the role it plays in their lives. We look at issues of social justice, tolerance and acceptance of the many different expressions of culture in North American society.

We also critically examine the North American media industry through the analysis of music, movies, advertising, TV shows, magazines and documentaries. Students will gain insight into how media may positively or negatively influence their personal values and belief systems. Course work includes essay and journal writing and requires that students demonstrate their skills in reading, critical thinking, the expression of ideas and opinions, public speaking and information literacy.

PEER TUTORING 11 / 12

YPT11 / YPT12

Instructor approval and interview required

Peer Tutors are responsible for working with individuals and/or groups of students, usually within the classroom setting. This course would be of interest to those students who enjoy helping others, have a solid academic standing, attend regularly and are conscientious. Peer tutor classroom placements are decided by the course instructor in consultation with the student. A completed application form for Peer Tutoring **must** accompany your course selection form. Forms are available in the counselling office. Good attendance is mandatory. Course work includes daily log journals, log summary and research paper. If you are considering a career in education, counselling or social work, this course would be ideal.

LEADERSHIP 10/11 / 12

YLD10 / YLD11 / YLD12

Application form available in counselling area or at www.kalamalka.sd22.bc.ca

A completed application form for Leadership must accompany your course selection form.

This course is designed for those students who wish to develop a sense of responsibility as well as qualities of initiative, leadership and school pride. Through theory and practice, students will gain knowledge, skills and experience in leadership both in front of and behind the scenes. Topics covered in this course include: "What is Leadership?," "The Seven Habits of Highly

"Effective Teens," the Meeting Process, Event Planning, Management and Communication. In addition to in-class activities, students will be responsible for organizing various school functions and activities including fundraisers, themed events, assemblies, spirit weeks and the like. Students will also participate in a variety of community events in hopes of fostering a sense of active citizenship and responsibility.



STUDENTS WITHOUT BORDERS ACADEMY

SWBA *District Program*

Introducing a **NEW Global Citizenship program** at Kalamalka:

SWBA is a full semester hybrid program for grade 11/12 students delivered in an innovative 3-stage platform:

1. A weeklong introductory high energy boot camp
2. Face to face classes at Kal mixed with some world class online coursework and webinars
3. A Worldview altering international 5 week odyssey in Panama, Central America

Panama will provide a whole new way to look at the world

In Panama SWBA explores conservation of sea turtles, reefs and rain forests. SWBA students visit the Red Cross, the United Nations, Habitat for Humanity, The Peace Corps and International Universities in Panama Central America. SWBA uses online learning, webinars, state of the art software, dynamic student travel abroad, camp setting, field study, Smithsonian Tropical Research Institutes, Spanish Language study, and Indigenous peoples studies exploring Embera, Kuna and Nobè culture.

VISIT OUR WEB PAGE:

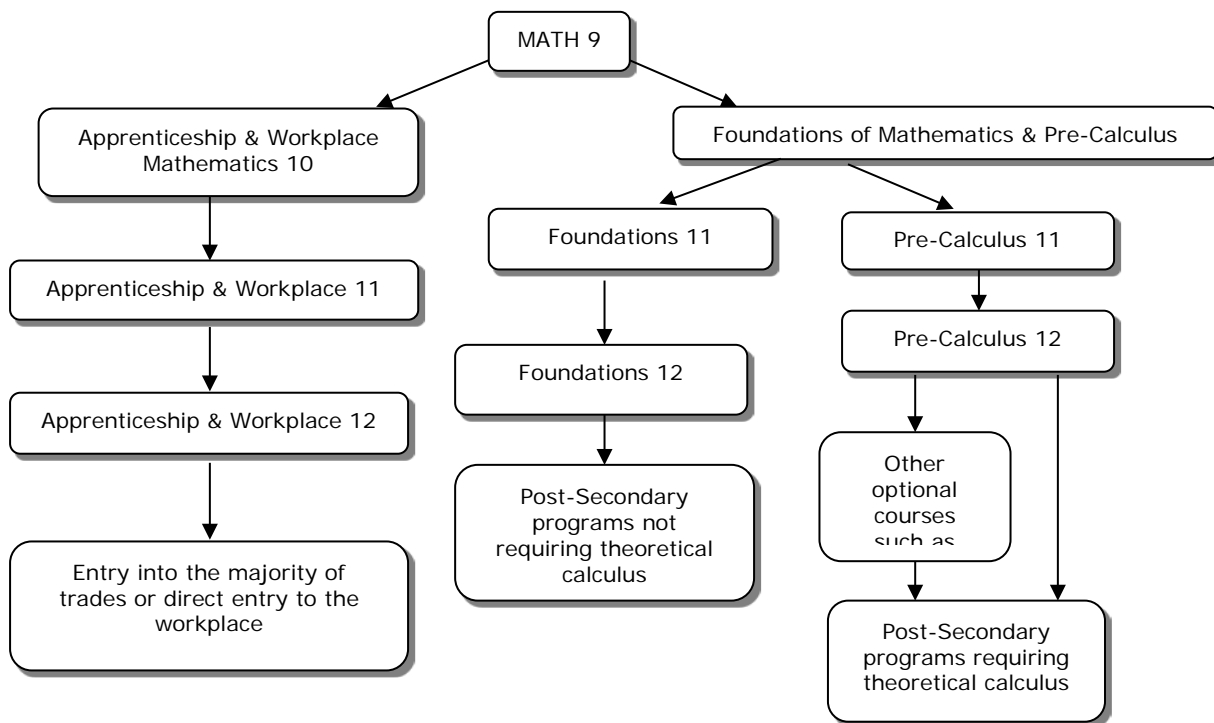
<http://swba.ca/>



GRADE 10, 11 & 12 • MATHEMATICS

MATHEMATICS

The new math curriculum includes 3 available pathways for students. The three pathways available are: Apprenticeship and Workplace Mathematics, Foundations of Mathematics, and Pre-Calculus. At the grade 10 level, a common Foundations of Mathematics and Pre-Calculus course is the starting point for both the Foundations of Mathematics and Pre-Calculus pathways. When choosing a pathway, students should consider their interests, both current and future. Students and parents are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year.



APPRENTICESHIP & WORKPLACE MATH 10

AWM10

Recommended: Any Math 9 course
Students are encouraged to have a scientific calculator.

Provincial Exam: Mandatory

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics: problem solving, number, algebra, geometry and measurement.

FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 10

FMP10

Recommended: Math 9 with 65% minimum
Students are encouraged to have a scientific calculator

Provincial Exam: Mandatory

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies. This course leads to either Foundations of Mathematics 11 or Pre-Calculus 11. Topics: Problem solving, number, algebra, relations, functions and measurement.



APPRENTICESHIP & WORKPLACE MATH 11

AWM11

This course satisfies the minimum graduation requirements, but is not accepted by universities for admission to most programs. However, most colleges accept this course for entrance in the trades. This course focuses on the essential skills necessary for students to succeed in the trades and workplace. It is less rigorous than both Pre-Calc and foundations, but before students consider this course, they should first determine which post-secondary institution they wish to attend as some post-secondary options are limited once this course is selected. If students have not achieved a C or better in Foundations and Pre-Calculus Math 10, they should consider this course.

FOUNDATIONS OF MATH 11

FOM11

This course represents a second academic path for students intending to go to College or some University programs in the Arts, Humanities and Trades. It is currently accepted as a Math 11 credit for entrance at some Colleges and Universities. This course does satisfy graduation requirements, but before students consider this course they should first determine which post-secondary institution they wish to attend as some post-secondary options are limited once this course is selected. If students do not achieve a B or better in Foundations and Pre-Calculus Math 10, they should consider this course.

PRE-CALCULUS 11

PREC11

This course represents the academic path for students intending to go into a Science or Engineering program at College or University. This course satisfies graduation requirements and is accepted at all Colleges and Universities as a Math 11 credit. Pre-Calculus 11 represent a different style of course that involves a more rigorous approach, increased homework time (1-2 hours an evening), and suggested attendance at tutorials (if held). Students who achieve a B or better should consider Pre-Calculus 12 as their next course.

PRE-CALCULUS 12

PREC12

Recommended: Pre-Calculus 11 (65% min)
Students are encouraged to have a graphing calculator

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs requiring the study of theoretical calculus. This may include mathematics, sciences, engineering and commerce. The course includes topics in trigonometric functions, logarithms, polynomials and combinatorics.

AP CALCULUS AB

APCAL2

Prerequisite: 75% Pre-Calculus 11. Limited enrolment – if demand exceeds capacity, those with the highest grades will be chosen first.

Course content: Pre-Calculus 12 plus enrichment. Topics will be considerably more sophisticated than Pre-Calc 12 with additional topics included. Students require a graphing calculator for this course. AP Calculus AB is equivalent to a first year university calculus course. It is a rigorous course that covers more material than Calculus 12.



GRADE 10, 11 & 12 • SCIENCE

SCIENCE 10

SC10

Provincial Exam: Mandatory

Students should be aware that Science 10 requires that students write a Provincial Exam worth 20% of their overall grade. This exam will be based on the following course content: Sustainability of ecosystems, chemical reactions and radioactivity, motion, energy transfer in natural systems and plate tectonics.

BIOLOGY 11

BI11

This is a lab-centred course which gives the student experience with some aspects of many organisms that surround us. There is considerable emphasis on the relationships that exist between living and non-living things, ecology, and on the evolutionary process. The course includes methods and principles of biology, adaptations, evolution, classification and taxonomy, microbiology, plant and animal biology stressing unity and diversity of all life forms, ecology, and a variety of lab and field activities. Students are required to master a number of basic biological lab techniques including microscope use, slide preparation, staining, and dissection.

BIOLOGY 12

BI12

Biology 12 covers the general areas of:

- cell biology, cell structure and function, biochemistry (which includes enzyme action, DNA, protein synthesis, cancer).
- human physiology - body systems (organs, functions, processes).

It is a content intense course of all major systems of the human reinforced by AV references, demos and dissections emphasizing body parts, systems and their functions. Students should be prepared to do extensive book work outside of class.

CHEMISTRY 11

CH11

Fee for Optional Workbook

This course is composed of laboratory work, and

will cover the following topics: lab safety, the properties of substances, the mole concept, chemical reactions, atomic structures, the periodic table, bonding, solution chemistry and an introduction to organic chemistry.

CHEMISTRY 12

CH12

Recommended: 67% or above in Chemistry 11 and completion of PREC 11

Fee for Optional Workbook

This course is designed for students who wish to take Chemistry at the university level **and** for those who want to understand more about chemistry and how it affects the world around us. Students will learn why certain reactions take place rapidly and others slowly, why some reactions proceed to completion and others do not, why some compounds dissolve in water, why some acids are stronger than others and why corrosion and other electrochemical phenomena occur.

Lab activities are an integral part of the course and many mathematical problems related to the above concepts will be studied.

EARTH SCIENCE 11

ESC11

Students investigate the principles of many fields of earth science in order to form an up-to-date, broad understanding of the story of the earth and its environment in space. The course includes: astronomy, geology, oceanography and atmospheric science.

GEOLOGY 12

GEOL12

Students from any Grade 11 science course are eligible to take Geology 12. Major units of study include: earth materials, time and the fossil record, internal structures and processes, surface processes, earth resources and planetology. The course includes informative trips out of the class to see local geological sites.



PHYSICS 11

PH11

Fee for Optional Workbook or Loaner Provided

Physics 11 is a laboratory course, which provides many "hands-on" opportunities to explore motion, forces, and energy in its many forms. Lab explorations involve using a variety of interesting physics equipment and some computer simulations. Albert Einstein's ideas about Special Relativity, a very popular topic with students completes the course. Applied problem-solving opportunities will help students discover the power that simple applied mathematics has in describing real life.

Physics 11 provides opportunities for students to consolidate, improve, and apply basic mathematical skills. Physics 11 students develop analytical and problem-solving skills.

PHYSICS 12

PH12

Recommended: 67% or above in Physics 11 and completion of PREC 11

Fee for Optional Workbook or Loaner Provided

Physics 12 is a course designed for students wishing to enhance their analytical and problem-solving skills. Lab explorations involve using a variety of interesting physics equipment and some computer simulations. Topics in Mechanics include: Kinematics (Motion) in Two Dimensions; Dynamics (Forces) in Two Dimensions; Static Equilibrium; Momentum and Interactions in Two Dimensions; Mechanical Energy and its Conservation; Circular Motion and Gravitation (Physics of Amusement Park Rides and Satellites). Topics in Electromagnetism include: Electrostatics; Circuit electricity; Magnetic forces and Fields; Electromagnetic Introduction (How Electricity is created and transformed).

Kalamalka graduates who have completed Physics 11 and Physics 12 report they have smooth transitions and tremendous success in post-secondary degree, diploma, and technical trade programs. Recent statistics from apprenticeships in BC report a 40% failure to complete rate. It doesn't make sense for students to avoid challenging courses that encourage technical competence in Physical

Sciences. Encourage your student to enrol in Physics 11 and 12 to prepare themselves thoroughly for their post-secondary endeavours.

The instructor, Mr. Harding, has extensive teaching experience and professional development experiences including: secondment to seven marking sessions for the Provincial/Scholarship program from 1994 – 2002; active involvement in the BCAPT, BC Association of Physics Teachers and OAPT, Ontario Association of Physics Teachers; membership in the Teacher Associate network of the Perimeter Institute for theoretical Physics in Waterloo, Ontario.

SUSTAINABLE RESOURCES 11/12

SR11/SRA12

Sustainable Resources is a course designed to develop and build on students' sense of wonder about the world around them and encourage a feeling of responsibility without compromising the ability of future generations to meet their own needs.

This course takes a hands-on approach to a broad range of practical skills, knowledge, and attitudes that will encourage changes in behavior that in turn, will create a more sustainable future in terms of environmental integrity, economic viability and a just society for present and future generations.

Students will learn and practice the principles of Permaculture including land stewardship, soil amendment, composting, water harvesting & management, organic gardening/design, agro-forestry, aquaculture, energy alternatives & conservation, alternative transportation, bioregional community-scale industry, and overall reduced consumption and waste. All of these will be developed through active participation in projects, community connections and will be viewed in the context of current practices or agriculture, forestry, fisheries, mining, and energy in BC.

The United Nations has declared 2005-2014 as the 'Decade of Education for Sustainable Development'. Now the world needs your participation! Be a part of the ethical, sustainable practices *now* that will soften your footprint on the earth and positively affect your health and your future. Co-requisite: Geog 12.



GRADE 10, 11 & 12 • APPLIED SKILLS

DIGITAL MEDIA DEVELOPMENT 9/10

INT10

Learn to:

- create innovative and dynamic web-pages
- create stunning PowerPoint presentations
- create fun animations
- improve and manipulate pictures using Fireworks with an intro to Photoshop
- create brochures, birthday cards, calendars, etc. using Publisher
- use Word effectively (word processor)
- improve your keyboarding skills

This is an excellent course for anyone wishing to enter university, college, or the trades.

DIGITAL PHOTOGRAPHY & PHOTOSHOP 11/12

ICTC11

This course will focus on learning how to; take better digital pictures, editing photos with industry leading software (Adobe Photoshop CS5.5) in the computer lab, and learning basic design principles for page layouts (eg. magazine layouts). Much emphasis will be placed on a hands-on approach wherein students will take a great deal of pictures and edit/present their work with exciting digital editing techniques and page layouts. This course is ideal for anyone who is interested in photography and digital graphic manipulation, not to mention having fun!

ADVANCED DIGITAL PHOTOGRAPHY & PHOTOSHOP 12

ICTC12

This course is an advanced version of Digital Photography & Photoshop 11/12. A solid understanding of Adobe Photoshop and Photography, as explored by the previous course, is expected. Photoshop material will include; particle effects/disintegrations, fire effects, frame break-outs, melting effects, brush-play, glow-effects and water scenes. Photography content will include explorations in composition, lighting, levitation, multiplicity (different versions of you interacting in one photograph), light-painting, panoramas, planets, and high-dynamic-range [HDR]. Project work will recruit a variety of skills to achieve a "putting it all together" experience.

YEARBOOK 11/12

YYB11/YYB12

To take this course, students must be in grade 11 or 12. Application form available in counselling area or at www.kalamalka.sd22.bc.ca

The primary objective of this design and journalism-related course is to produce the school yearbook. Aspects include photography, journalism, layout design, desktop publishing, computer graphic design, interviewing and advertising. Enrolment is limited to grade 11 and 12 students whom will be selected by the teacher. This course will fulfil graduation requirements for Applied Skills. This course is usually scheduled outside of regular class hours.

WOODWORKING 10

TEW10

Woodwork 10 is an introduction to technical woodworking and the proper and safe operations of a variety of hand and power tools. Emphasis is placed on appropriate shop behaviour, accurate dimensioning and a quality finish. Function and design will be applied to produce individual and unique projects. Additional cost for optional materials if required for personal projects.

CARPENTRY & JOINERY 11

CJ11

Carpentry & Joinery 11 is an introductory program to the construction of fine furniture and cabinetry. Emphasis is on the application of new materials, hardware and finishes to enhance project quality. Students will learn safe shop skills and safe tool operations. Proper use of larger, high production power equipment including table saws, jointers, lathes, planers, etc. will be encouraged. Additional cost for optional materials if required for personal projects.

CARPENTRY & JOINERY 12

CJ12

Carpentry & Joinery 12 is an introductory program for students interested in the building trades and learning about house construction.



Building design, layout and construction are emphasized to construct a major project (shed, gazebo, greenhouse etc.). Safe shop conduct and safe power tool operations will be encouraged to maximize project quality. The course can also be tailored for those students wishing to further enhance their cabinetry skills and advanced machine use. Additional cost for optional materials if required for personal projects.

FOODS & NUTRITION 10

FDN10

This is an introductory course that explores the basic principles in food preparation and integrates this knowledge with proper nutrition. This course covers a wide range of information and skills in management, safety, sanitation, meal planning, preparation and service. Mexican cooking and cuisine will be included in the course study.

FOODS & NUTRITION 11/12

FDN11/FDN12

This combined class is run as a two year cycle and can be taken in both grades 11 and grade 12 without unnecessary repetition. This is an Applied Skills credit.

Foods 11 is an intermediate foods course exploring all cooking techniques including a study of nutrition, wise buying, meal planning and meal service. The international study of French, Italian, Greek and German cuisine and vegetarian foods will be included in this course study. Approximately 50% of the time is spent in the practical application of cookery techniques; the remainder is theory.

Foods 12 is a senior foods course exploring all cooking techniques including a study of nutrition, wise buying, meal planning and meal service. The International study of Chinese, Japanese, Thai and Indian cuisine will be included in this course. Approximately 50% of the time is spent in the practical application of cookery techniques; the remainder is theory.

TEXTILES 10

TXT10

Textiles 10 is an introductory course in clothing and textiles. Theory includes a study of textile fibres and fabrics and the elements of design. Several projects will be completed which will include buttons, zippers, and pockets.

Note: Students are required to provide their own small equipment, patterns, notions and fabrics for this course. Therefore some personal expense will be involved.

TEXTILES 11

TXT11

Students will learn higher-level construction techniques, introductory design concepts as well as fashion-related issues, personal image management, fibres, fabrics, special techniques and related careers. Students will create a minimum of three major projects and gain experience in manipulating design elements of colour, texture and line to create unique and polished finished products. Possible field trips will expose students to current fashion and industry trends.

Note: Students are required to provide their own small equipment, patterns, notions and fabrics for this course. Therefore, some personal expense will be involved.

TEXTILES 12

TXT12

This combined class is run as a 2 year cycle and can be taken in both grades 11 and grade 12 without unnecessary repetition. Emphasis will be placed on elements of design in relation to fashion. Higher level construction techniques will be used. Students will learn about fashion-related issues, personal image management, fibres, fabrics, special techniques and related careers. Students will create a minimum of three major projects, and gain experience in manipulating design elements of colour, texture and line, to create unique and polished finished products. Possible field trips will expose students to current fashion and industry trends. This course fulfils the Ministry requirement for an Applied Skills credit towards graduation.

Note: Students are required to provide their own small equipment, patterns, notions and fabrics for this course. Therefore, some personal expense will be involved.



FASHION MERCHANDISING & DESIGN 11

YFDM11

For those interested in working in the fashion industry, as well as those interested in just fashion, design and creativity ... this course is for you! Fashion Merchandising & Design is open to all grade 11 and 12 students; **sewing skills are not required**. Students interested in entering the fashion industry are strongly encouraged to take Textiles 11 and 12 in order to develop a strong portfolio for entry into a fashion design school.

projects or pursue their own project ideas such as Solar-Botics.

ELECTRONICS 11

EL11

This course is offered every other year and will be offered in the 2015/2016 school year.

Students receive credit for Electronics 11 and may take the course in Grade 11 or 12.

Students learn elementary principles of electricity and electronics. Students will investigate: electronics career opportunities and health and safety issues; the use of testing and repairing tools and instruments; through prototyping of digital and some analogue circuits, students will discover function and theory of common electronic devices, components and systems. Students will also design a personalized timed On/Off LED flasher display system. Student projects: 4 Watt Discman/Walkman Amplifier; Timed On/Off LED Flasher display system; 12 volt Alarm and Siren system.

Course fee \$35

ELECTRONICS 12: ROBOTICS

MICROCONTROLLERS & ROBOTICS WITH SUMO BATTLE-BOTS

ELR12

This course is offered every other year and will be offered in the 2015/2016 school year.

Students will work primarily on a series of Micro-controller programming challenges followed by a series of programming projects involving a small robot, the Boe-Bot. With basic programming skills in place students will then spend the majority of their time programming the Sumo-Bot in a great variety of battle encounters. Students may opt to build optional individual



GRADE 10, 11 & 12 • FINE ARTS

ART 10: GENERAL

VAG10

Art 10 builds on the general introductions covered in Art 8 and 9, and begins to introduce more in-depth, specialized skills in Art. In addition to further practice using the elements and principles of art and design, students will broaden their experience with materials, processes, and equipment in such areas as drawing, painting, and printmaking; as well as a 3-D component with work done using materials such as clay, wire, metal, and soapstone.

ART 11: GENERAL

AF11

Recommended: Art 10

Art 11 emphasizes advanced skill development, creative risk taking and problem solving, refined idea and image development strategies, and more specialized experience with materials and equipment. Students are encouraged to use these abilities towards independently developed projects. Material/process choices could include: drawing/ illustration, painting (acrylic and watercolour), printmaking, design, clay, stone, plaster, paper, wood, and others. It is recommended that the students have successfully completed Art 10.

ART 12: GENERAL

AF12

Recommended: Art 11

Art 12 emphasizes advanced skill development, creative risk taking and problem solving, refined idea and image development strategies and more specialized experience with materials and equipment. Students will draw more upon personal, social, historical, and cultural contexts in the creation of independently developed projects. Material/process choices could include: drawing/ illustration, painting (acrylic and watercolour), printmaking, design, clay, stone, plaster, paper, wood and others. Advanced students will have opportunities to work on independent projects and assignments alongside teacher direction. Students may have to purchase additional materials if they wish to work on large-scale projects.

ENRICHED ART

VISUAL ARTS 10: DRAWING & PAINTING 10

STUDIO ARTS 11: DRAWING & PAINTING 11

VAD10/SADP11/SADP12

Admission by application form available from Counselling area or at www.kalamalka.sd22.bc.ca

This course is designed for dedicated art students in grades 10, 11, & 12 who are committed to taking their skills and creative abilities to a high level of achievement. In addition to an intensive study of art fundamentals aimed at enriching their technical skills, students will explore a range of materials and processes from both traditional and experimental approaches, broaden their creative abilities, and expand their use of image development strategies. Please be advised that this course requires high commitment, effort, and productivity. Students should have high expectations for themselves, demonstrate strong foundation skills, and creatively push those skills at all times. **Sketchbook required.**

DRAMA 10: GENERAL

DRG10

First-timers are welcome, even encouraged!

Drama 10 is an introduction to the actor's process, with a strong emphasis on theatrical presentation skills. Course content includes movement, voice, character development and planned improvisation (rehearsed scenes based on spontaneous ideas). The course also touches on technical and design aspects of theatre as students prepare a performance piece for their final project. By studying all aspects of a performance, students will begin to develop an understanding of the complexities of a theatrical production.

ACTING 11 – ADVANCED ACTING

TPA11

Acting 11 provides a study in developing and sharpening one's acting skills, with an emphasis on method, theory, and performance applications. Students will explore a variety of movement, vocal, and characterization techniques to apply to improvised and scripted dramas. Quality performances are the result of concentrated and committed efforts during class exercises and projects. Whether working independently or in groups, students are challenged to focus on their



skill development in their class work.

ACTING 12 – ADVANCED ACTING

TPA12

Recommended: Acting 11

Acting 12 provides for more intensive study in the techniques outlined in Acting 11. Students will be challenged to develop creative leadership skills and apply their knowledge to theatre performance projects. Senior actors are exposed to advanced tutelage not available in performance courses.

DIRECTING & SCRIPTWRITING 12

TPDS12

Prerequisite: Drama 10, Acting 11 or 12 and English 11

Directing: Students choose scripts and direct one-act plays as a final project. Understanding the art of theatre on-stage is the goal of the course. The classes focus on composition, communication, actor coaching and the development of a critical eye with which we will view professional and amateur theatre productions. This is a course for those interested in developing leadership skills.

Scriptwriting: Creative writing with a twist – the scripts actually get performed on stage for an audience. This class affords you the opportunity to discuss technique of published playwrights, workshop scenes with actors and have a say in the production of your work.

MUSICAL THEATRE 10/11/12

YMUT10 / YMUT11 / YMUT12

****Admission by audition****

First-timers are welcome, even encouraged!

Musical Theatre class emphasizes the process and skills involved in performing in a musical theatre production. Students will learn about the training, discipline, commitment and social manners required to be a successful member of a cast. In preparation for the 9-evening Fall Musical production, students will participate in rehearsals and performance aspects of a musical production (acting, singing, and dancing). All students must apply and audition for enrolment in class (please see Mr. Thomas for information).

STAGECRAFT 10/11/12

DRD10 / TPR11 / TPRT12

First-timers are welcome, even encouraged!

Stagecraft provides a broad range of technical and practical experience for those interested in

learning about the production behind a theatre performance. Students will have hands-on projects including: designing, building and painting sets; designing and operating lighting and sound; creating props, costumes, make-up and effects; and production, stage and house management – essentially, all of the “behind the scenes” work which leads up to an actual theatrical production. Students are also given first choice to a production role in the fall musical.

THEATRICAL PRODUCTION 10/11/12

YTPR10 / YTPR11 / YTPR12

**** Admission is by audition****

First-timers are welcome, even encouraged!

This course is aimed specifically at those actors, directors and stagecraft students that are considering the Fine Arts beyond high school. Students will be involved in intensive hands-on theatre training. We will rehearse and perform a **non-musical play** in the second semester. Students are expected to be independent, self-motivated and intelligent decision makers as the success of the production will rely on student-led efforts. If you are interested, please contact the Drama Department to book an interview BEFORE course selection deadlines.

MUSIC: CONCERT BAND 10

MCB10

Concert Band 10 takes students through technical exercises and literature to further develop their note reading, rhythm, tone quality and intonation. Beginners will be accommodated if they are willing to put in the extra work required to catch up. Principles of expression and interpretation will be taught and practiced. Music theory will be developed through discussion and practice. The music played in this ensemble will expose students to a wider variety of historical styles than were encountered in grade 9. Beginners will be accommodated if they are willing to put in the extra work required to catch up. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Regular home practice is required for success in this course.



MUSIC: CONCERT BAND 11 / 12

IMCB11/IMCB12

Recommended Prerequisite: Band 8, 9 & 10

This course takes students through interval studies, refinement of tone, understanding form, basic conducting, small group work and technical exercises covering a variety of scales, both major and minor. Principles of expression and interpretation are expected to be applied. The literature played in this ensemble will expose students to a wider variety of historical styles than were encountered in grade 10. Grading is on concert preparation and participation, rehearsal skills (personal conduct, contributing to a group effort), and skill development related to the instrument. Regular home practice is required for success in this course.

MUSIC: JAZZ BAND 10

MJB10 (Year-long/Out-of-Timetable)

Recommended: Grade 8 & 9 Band

Students registering for Jazz Band must also take Concert Band 10. (Exceptions may be made on an individual basis.) This course exposes students to the basic concepts of jazz playing. Jazz Band 10 meets co-curricularly (out-of-timetable) and students will be placed either in Senior or Junior Jazz. Decisions regarding the placement of grade 10 students in Senior or Junior Jazz Band will be made by the teacher. Regular home practice is required for success in this course. Participation in all concerts and festivals is expected. Regular home practice is required for success in this course.

MUSIC: SENIOR JAZZ BAND 11/12

IMJB1/IMJB12 (Year-long/Out-of-Timetable)

Recommended: Completion of Jazz Band 10

This course exposes students to the more advanced concepts of jazz playing such as improvisation. Jazz Band 11 meets out-of-timetable. Monday from 3:15 to 5:00 pm and Wednesday from 7:00 – 8:15 am. Participation in all concerts is expected. Regular home practice is required for success in this course.

MUSIC: COMPOSITION AND TECHNOLOGY 11

MCT11

This course is intended to serve the needs of the serious music student who either intends to pursue a career in music or wishes an intense form of enrichment in music theory and

composition combined with practice in basic audio engineering. Some piano/keyboard experience is most helpful but not mandatory. Topics include setting up house and monitor sound reinforcement equipment, computer-based music notation, music composition, audio recording, mixing and mastering. Students will use basic and advanced digital audio recording equipment to engineer audio projects. This course is NOT for students wanting to play with pre-made loops.

This course will give the students exposure to the rigorous world of audio engineering and music composition. The compositional skills learned are cross platform and essential to any professional musician. The recording fundamentals learned will dovetail into post-secondary courses such as those offered at Okanagan College, Centre for Arts and Technology, The University of Lethbridge, The art Institute of Vancouver, Selkirk College, etc.

Students select to focus on either composition or recording technology. Composition students will create compositions using notation software. The composition may be performed at one of the Kal concerts. Recording technology students will create audio recordings using multi-tracking of real instruments.

Students will take this course within the timetable.

Enrolment is limited to Grade 11 and 12 students who are enrolled in Concert Band.

MUSIC: CONCERT CHOIR 10/11/12

MCC10/CMCC11/CMCC12

(Year-long/Out-of-Timetable)

Choir 10/11/12 is open to all students who wish to sing in a choir. Classes are Tuesday at 3:15pm and Friday at 7:00am. Choir members travel to Idaho in February for the Lionel Hampton International Jazz Festival, and are also part the annual Spring Tour in May. Regular home practice is required for success in this course. There will be at least five evening concerts that must be attended.



GRADE 10, 11 & 12 • Languages

FRENCH 10

FR10

French 10 students will use a wide range of useful vocabulary and idiomatic expressions in past, present and future tenses in oral and written forms. Students will share ideas and opinions, acquire information and be able to communicate effectively with each other as well as the instructor. To provide a strong foundation for the next level a minimum of 60% is recommended. Students must pass the written final exam to progress to the next level. A French/English dictionary recommended.

FRENCH 11

FR11

Prerequisite: French 10

Knowing a second language is an increasingly desirable job skill. In our competitive world-wide economy, there are many international career opportunities, as French is officially spoken in 40 countries. Students will learn to interact effectively and with spontaneity in French for common life situations. Students will use language learning strategies to gain access to information, and cope more effectively in unfamiliar situations. Emphasis is placed on more advanced speaking skills for communication, listening skills for comprehension and writing skills for composition of letters and paragraphs. To provide a strong foundation for the next level a minimum of 75% is recommended. Students must pass the final written exam to progress to the next level. Dictionary recommended.

FRENCH 12

FR12

Prerequisite: French 11

French 12 is a continuation of French 11 at a high communicative level. Communication will become more precise with the correct use of verb tenses and a wide range of useful vocabulary. Reading and writing are the major components. Dictionary recommended.

INTRODUCTORY SPANISH 11

BSP11

An upbeat introduction to understanding and communicating in Spanish (for daily business and personal situations). Language survival skills and love of the language are fostered for this important language of Europe and the Americas that is becoming more important in the global economy. Spoken Spanish is emphasized. Travel and exchange opportunities will be explored for students. This course is open to grade 11 and 12 students. Grade 10 students may enroll with permission. A Spanish/English dictionary is recommended. A workbook is available for a fee. This course leads to Spanish 11.

SPANISH 11

SP11

Recommended: Introductory Spanish 11 or equivalent

Spanish 11 moves beyond the introduction and prepares the student for an adventure in Spanish speaking countries. A Spanish/English dictionary is recommended. A workbook is available for a fee. This course meets university entrance language requirements. Travel and exchange opportunities will be explored for students.



GRADE 10, 11 & 12 • Physical Education

PHYSICAL EDUCATION 10

PE10

This course focuses primarily on movement, alternative-environment activities and active living. Emphasis will be to improve activity-specific motor skills and apply them to individual and dual activities. Students will also plan and participate in outdoor experiences to enhance a code of responsible behaviour in the outdoors. They will also be expected to plan, assess and maintain fitness as it applies to the individual's healthy lifestyle.

PHYSICAL EDUCATION 11/12

PE11/PE12

Physical Education 11 & 12 provide opportunities for students to experience a variety of recreational pursuits, career interest and activities that promote lifelong, healthy living. Students focus their learning in areas of personal interest and participate in activities that promote social interaction, community responsibility and skill development. Teachers work with students to develop programs to meet student needs and interests. Programs are structured so that the duration, intensity, and frequency of activities motivate students to meet their individual goals. Students participate in a balance of activities from the movement categories.

STRENGTH & CONDITIONING 11/12

YSCD11/YSCD12

The aim of this course is to enable students to enhance their quality of life through active living. With instruction and guidance, students are introduced to the basic principles of strength and conditioning. Students will use the weight room facility and gymnasium for cardio circuits. They will design personal programs for strength and muscular endurance. Students will gain an understanding of the basic physiological and psychological effects of strength training.

WOMEN'S HEALTH & FITNESS 11/12

YFLS11

The program is designed specifically and exclusively for females to promote an active, healthy lifestyle. This course will provide a comfortable safe environment to explore issues related to women's health and fitness. Students will be exposed to a variety of lifetime activities aimed at achieving a basic level of fitness using both school and community facilities. Sports and activities will be determined by student interest and can include, but are not limited to: badminton, circuit training, cardio-training, yoga and hot yoga, golf, winter activities, bowling, self-defence, strength and conditioning, tennis, biking, hiking, Zumba and jogging. In addition, topics for discussion include nutrition, positive body image and healthy choices. There is a fee for this course to cover activity and bussing costs.



GRADE 10, 11 & 12 • CAREER & BUSINESS EDUCATION

PLANNING 10 - REQUIRED

PLAN10

Credits: 4

The aim of Planning 10 is to enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions and take responsibility for pursuing their goals throughout life. Planning 10 provides relevant and experiential learning opportunities, helping students relate their learning in school to the demands of the working world and the expectations of society. This course will be taught using a variety of teaching methods; Guest speakers, field trips, hands-on projects. Students must complete Planning 10 in order to satisfy provincial graduation requirements.

GRADUATION TRANSITIONS - REQUIRED

GT

Prior to graduation, every grade 12 student must participate in an exit interview. This interview will include a presentation discussing:

- the students' transition plan
- evidence of 150 minutes of physical activity per week
- 30 hours of community service or work experience

Students must complete these requirements to receive the four credits required for graduation.

DISTRICT PROJECT SCHOLARSHIP

Grade 12 Art Students are encouraged to work on projects that span the school year from September to May in order to participate in the School District Project Scholarship Program. By completing a body of work that demonstrates excellence in skills and knowledge, students can win scholarships of **\$1000.00**.

ECONOMICS 12 AND BUSINESS FUNDAMENTALS

Prerequisites: Completion of Planning 10 EC12

This university accepted course is a must for any students wishing to gain an understanding of business fundamentals. The course starts with a look at **Economics** where we will look at how the laws of supply and demand determine prices as well as look at other market forces that impact individual buying decisions and how marketers use this information to determine what strategies they will use to get consumers to buy certain products. From there we cover **Financial** analysis, both individually and from a business perspective. Investment options, investment strategies and long term wealth accumulation are explored through hands on examples and case scenarios. From gaining wealth you must know how to manage it. This is where **Accounting** comes into play. Students will learn how to go from simple cashbook entries to the more complex world of balance sheets, income statements and profit and loss schedules. Taxation will also be covered – why you have to pay and how you can save more and pay less. The last component of the course we look at is **Marketing** which is the process by which businesses introduce their goods, services and ideas to potential purchasers and exchange them for value. If time permits we will look at **Budgeting**. Every business, household and future college/university student should know how to budget efficiently – and then stick to it. Students will work through a number of activities that will have them explore how to budget realistically. Each component of the course will run approximately four weeks but there is significant overlap between each topic.



PEER TUTORING 11 / 12

YPT11 / YPT12

Instructor approval and interview required

Peer Tutors are responsible for working with individuals and/or groups of students, usually within the classroom setting. This course would be of interest to those students who enjoy helping others, have a solid academic standing, attend regularly and are conscientious. Peer tutor classroom placements are decided by the course instructor in consultation with the student. A completed application form for Peer Tutoring **must** accompany your course selection form. Forms are available in the counselling office. Good attendance is mandatory. Course work includes daily log journals, log summary and research paper. If you are considering a career in education, counselling or social work, this course would be ideal.

LEADERSHIP 10/11 / 12

YLD10 / YLD11 / YLD12

Application form available in counselling area or at www.kalamalka.sd22.bc.ca

A completed application form for Leadership must accompany your course selection form.

This course is designed for those students who wish to develop a sense of responsibility as well as qualities of initiative, leadership and school pride. Through theory and practice, students will gain knowledge, skills and experience in leadership both in front of and behind the scenes. Topics covered in this course include: "What is Leadership?," "The Seven Habits of Highly

"Effective Teens," the Meeting Process, Event Planning, Management and Communication. In addition to in-class activities, students will be responsible for organizing various school functions and activities including fundraisers, themed events, assemblies, spirit weeks and the like. Students will also participate in a variety of community events in hopes of fostering a sense of active citizenship and responsibility.