

GULF ISLANDS SECONDARY SCHOOL

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COURSE SELECTION GUIDE 2010 – 2011

www.gulfislandssecondary.ca

GULF ISLANDS SECONDARY SCHOOL

dedicated to the advancement of learning and social responsibility

Dear Students and Parents/Guardians:

Welcome to this important planning time in your school year. Many of you have already experienced the outstanding quality and wide diversity of programs available at GISS. Many others are joining us for the first time. Whether you are an International Student, a student who is moving to Salt Spring from another high school, or one of our many new Grade 9 students, welcome! You have chosen a school that is recognized for the exceptional education it offers.

As we continue forward with the new Graduation Program, some new courses are being offered this year. Whether new to the school or returning, parents and students should consider course selections seriously. You may also avail yourself of the help that School Counselors and Homeroom Teachers can offer. These decisions are important and will impact your sons' and daughters' daily lives as well as future opportunities.

Courses can only be offered if there is sufficient enrollment. Students who choose courses that are cancelled due to lack of enrollment will be assigned to alternate selections. Please give careful consideration to these alternate selections. Students may choose more than the equivalent 8 courses but those additional requests can only be honoured if enrollment permits and so are not guaranteed. In our province, schools involve students directly in planning their educational programs. Please take advantage of this wonderful opportunity. We urge you to use this book carefully and often as an important planning tool throughout the year.

Sincerely,

Judy Raddysh
Principal

Lyall Ruehlen
Vice Principal

Dave Astill
Vice Principal

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HOW TO USE THIS GUIDE

This booklet will outline all of the graduation requirements and options for students in Grades 9 through 12 at GISS. The primary purpose of this guide is to help students choose courses for the coming year, but it is also meant to be kept and used. Do not throw it away!

PLANNING THE COMING SCHOOL YEAR

1. Learn which courses are required by studying this guide, and also by verifying specific university and college entrance requirements.
2. Where a requirement involves a choice of courses (Principles of Math 11 or Essentials of Math 11, for example) read the course descriptions, seek your subject teacher's advice and make realistic decisions.
3. When choosing any course, read the description carefully. Think about your personal skills and interests.
4. Use a Course Planning Worksheet based on the grade you are entering. Note: We hire and assign staff according to your choices now – please choose wisely and don't expect to be able to switch courses in September!
5. Timetable conflicts sometimes make it impossible to take all the courses you want. Plan alternative courses and write them your course planning form.
6. Arrange in advance for tutoring in a class you expect to find difficult.

OPTIONAL PROJECT COSTS

Many courses include opportunities for students to undertake optional projects or participate in field trips. Where students choose optional activities, they must pay for materials, admissions, transportation or additional supplies. No student will be required to participate in optional activities for which there is a cost, and marks will not be affected by non-participation in those activities.

PROVINCIALY EXAMINABLE COURSES

Courses with required Provincial exams are indicated in the course description. Students will be required to write five Grad Program exams:

1. Grade 10 English
2. Grade 10 Science
3. Grade 10 Math
4. Grade 11 Social Studies 11 or BC First Nations Studies 12 ☐
5. Grade 12 Language Arts (EN12 or COM12) ☐

French Immersion students must write FRAL 12.

Grade 10 and 11 exams are worth 20 per cent of the student's final mark.

Grade 12 exams are worth 40 percent of the student's final mark.

OPTIONAL GRADE 12 EXAMINATIONS

Other than Language Arts 12, FRAL 12 and BC First Nations Studies 12, students have the option of taking examinations related to specific Grade 12 level courses. Students need to be sure of post-secondary admission and scholarship requirements, and should meet with their counselor before deciding whether or not to take a provincial exam. Full credit may be earned for these courses whether or not the related examination is taken.

EXTERNAL CREDITS

Credit at the Grade 10, 11 or 12 levels may be granted to students who have attained a high level of competency in a course of study or area of expertise outside the public school system. Credits are granted to those who fulfill requirements in athletics, languages, music, cadets, 4-H, driver education, first aid, lifesaving, computer certification, dance, drama, and speech. Students who believe they may qualify for external credits must collect documentation and submit it to the school counselor.

SPECIALIZED PROGRAMS

We encourage students and their families to consider our specialized programs as part of their pathway through school. There is much to be learned by taking a slightly different path for at least part of your time in school.

GRADUATION PROGRAM

Grade 9 students do not earn "credits" for their courses, but must successfully complete the following courses:
English 9, Social Studies 9, Science 9, Math 9, and PE 9 in order to move on to Grade 10 courses and begin earning "credits".

Grade 10, 11 and 12 students do earn credits in the graduation program. To graduate with a Graduation Certificate, students must complete the following requirements and earn at least 80 credits at the grade 10, 11 and 12 level:

48 credits Required Courses

Language Arts 10 (4 credits) Science 10 (4 credits)
Language Arts 11 (4 credits) Science 11 or 12 (4 credits)
Language Arts 12 (4 credits) Math 10 (4 credits)
Social Studies 10 (4 credits) Math 11 or 12 (4 credits)
Social Studies 11(4 credits) Physical Education 10 (4 credits)
Planning 10 (4 credits) Fine Arts or Applied Skills 10, 11 or 12 (4 credits)

28 credits Elective courses

Minimum of 16 credits at the Grade 12 level including Language Arts 12.

4 credits Grad Transition

80 hours of physical activity after PE 10
30 hours of volunteer work or work experience
A transition plan

80 credits total

SPECIALIZED PROGRAMS

ACADEMIC PROGRAMS

AHEAD full year program gr. 9

This is a fully integrated grade 9 program where a small group of students work with one teacher in a program that is based on Agriculture. All subjects are taught with an agriculture focus and much of the program is hands-on. One day per week is spent on Mayne Island at the Rest-Q Animal Sanctuary working with the animals. Students commute to Mayne on the water taxi. On the remaining three days, students spend some time in the classroom and some time working on local farms or in the school cafeteria vegetable garden.

DISTRIBUTED LEARNING

Senior students who are strong, self-directed, independent learners have the opportunity to complete courses with teacher supervision and support rather than in a traditional classroom setting. Entry into the Distributed Learning Program requires consultation with a school counsellor and an interview with a Distributed Learning teacher within the first week of the semester. Courses may be print or computer based and are listed in the course selection booklet. A fee for course materials may be requested in certain cases. For more information about distributed learning visit the GISS website

FRENCH IMMERSION

We offer a full French Immersion program at GISS. Students who successfully complete the Secondary French Immersion program will reach a bilingual status and will be awarded a bilingual Dogwood certificate. This certificate opens the doors to a number of post-secondary opportunities pursuing studies in French. The program involves taking 3 courses at the Grade 9 and 10 levels, and a full-time intensive semester in the second half of grade 11 ending with the Provincial Exam in FRAL 12. Students generally stay with the same cohort throughout the program and benefit from many extra cultural activities as part of the program. **All courses are required** to receive a dual Dogwood graduation.

HANDS ON SCIENCE one full semester gr. 10, 11 or 12

This full-time, one semester program offers field-based studies in a variety of science areas. Students will work with one teacher to complete a minimum of 16 credits including a range of science-based courses such as Biology 11, Sustainable Resources 11, Earth Science 11, and Geography 12 integrated and taught through field trips and real life scientific studies supporting scientists in our community and across the globe. Additional credits can be earned through Independent Directed

Studies in the student's own areas of interest. This program will run in semester 2.

SATURNA ECOLOGICAL EDUCATION CENTRE on Saturna Island

Focusing on ecological and environmental leadership, this program offers students a range of options to assemble a customized suite of courses that could include: Science & Tech 11, English 11 or 12, Teaching and Learning 11, PE 11 or 12 (Outdoor Pursuits) and Independent Direct Studies. Students can board, free of charge, on Saturna for this three-day-week program, or commute on the water taxi each day. Space is available for 12 students maximum. Past SEEC students have learned much more than the curriculum with this opportunity to study in an intensive, supportive, small environment.

ARTS PROGRAMS

GULF ISLANDS SCHOOL OF PERFORMING ARTS (GISPA)

Advanced training in Music, Dance and Theatre. GISPA offers advanced training in music, dance and theatre. GISPA is for talented dancers, musicians and actors seeking to enrich their performing arts education with an eye towards continuing to pursue their art beyond high school. Admission is by audition and successful applicants pay \$1500 tuition for ten months of programming. Applicants audition as specialists in one of the three performing arts strands. GISPA students receive direct instruction in their art form, master classes and workshops, field trip opportunities to a wide range of professional performances, and they collaborate with GISPA students in the other performing arts strands to collectively create and tour an original performance. GISPA courses are similar to those offered in first or second year post secondary arts programs, and include secondary level course credit. For more information on the Gulf Islands School of Performing Arts please visit: www.sd64.bc.ca/gispa/

TRADES & WORK PROGRAMS

ENTRY LEVEL TRADE TRAINING PROGRAMS

Accelerated Credit Enrolment in Industry Training (ACE IT) is an industry certification program for BC secondary school students. (See www.itabc.ca/) The program enables students to earn both graduation credits and credit for the first level of technical training associated with an Industry Training Program. High school students have an opportunity to gain a head start by earning their credential in one of the many trades or industry occupations that the Industry Training Authority (ITA) recognizes. GISS has partnered with Camosun College to offer ACE-IT. Entry into these ACE-IT programs is by application.

<http://camosun.ca/learn/lync/programs-courses.html>

ACE-IT Carpentry

Our carpentry program is offered on Thursday evenings and all day Friday over the school year. The final exam is written at Camosun College.

ACE-IT Professional Cook Training

The professional Cook Training program is offered in one semester in our school cafeteria. This is an intensive program that requires students to be enrolled in the program full-time for one full semester and to work as an apprentice for a semester. There is a 6 week followup course at Camosun College that is also required.

Other ACE-IT Programs

Our students have access to a number of programs while still in high school. These programs all require students to attend classes at the college for the duration of the program.

Welding, Electrical, Plumbing, Sheet Metal, Automotive Mechanics, and Horticulture.

SECONDARY SCHOOL APPRENTICESHIP PROGRAMS

Students interested in careers in the Trades can take advantage of the Secondary School Apprenticeship program designed to complete secondary school graduation requirements while working under the sponsorship of an industry expert. Hours earned while in high school count toward the total required for journeyman status. In addition, SSA students qualify to apply for a \$1000 scholarship. Entry into the SSA programs is by application. Further information and application packages are in the counselling office.

WORK EXPERIENCE 12A, WORK EXPERIENCE 12B COURSES

These career-oriented courses are intended to prepare interested students for the world of work, or to assist students in exploring work related interests in pursuit of further post secondary education and training. All work experience placements are individually developed and monitored by the school counselors in consultation with the District School-Community Liaison Coordinator. Students are required to participate in a school-based orientation process and/or interview prior to placement.

ART EDUCATION

At GISS we offer a high-quality Visual Arts program. Students can choose an Art course in each of their four years, and students who are pursuing a career in Art can work with our Art department to develop a professional portfolio. There is an optional fee for all Art courses to enable us to purchase a wider variety and higher quality of materials for student use.

ELECTIVE COURSES

VISUAL ARTS 9 & 10

The junior Art program builds technical and visual skills, promotes the understanding and appreciation of art, and encourages confidence and self-discipline. Students will practice drawing, painting, graphic design (including printmaking) and sculpture.

ART FOUNDATIONS 11 & 12

The object of these courses is to heighten perceptual awareness, develop aesthetic sensitivity, and develop students' potential. Students will practice drawing, painting, graphics, sculpture, and various printmaking techniques. In addition, it is expected that they will explore their ability to be creative, communicative, expressive, and interpretive.

ADVANCED PLACEMENT STUDIO ART

Entry into this course is by permission of the teacher. AP Studio Art 12 is an advanced course for the serious art student. Students will explore a theme of his or her choice and develop a portfolio which may be used for entry into post-secondary art programs in the future. Students are responsible for the fee that is levied for the portfolio review, if they choose to submit their portfolio to the College Board.

BUSINESS EDUCATION

Our business courses are offered in the Distributed Learning Centre only. Students should be self-directed, independent learners for the best chance of success.

ELECTIVE COURSES

MARKETING 11 DISTRIBUTED LEARNING ONLY

Marketing provides students with opportunities to examine the nature and role of marketing in local and global contexts. They learn how marketing helps businesses determine and meet customer needs, how businesses present a variety of products and services, how marketing helps individuals and firms become and remain successful, how businesses operate most effectively when individuals recognize their roles and responsibilities as consumers and producers, and how consumer decisions influence the marketplace.

ACCOUNTING 11 DISTRIBUTED LEARNING ONLY (ebus)

This introductory course covers the fundamentals of accounting, including: transaction analysis, debit/credit, relationship between assets, liabilities and owner's equity, general journal, general ledger, trial balance, worksheets, and financial statements.

ACCOUNTING 12 DISTRIBUTED LEARNING ONLY (ebus)

Accounting 12 is a continuation of Accounting 11, using more advanced procedures. Students will complete a project demonstrating knowledge of the complete accounting cycle and will conduct research into careers in accounting, and complete a number of online projects and activities

CAFETERIA PROGRAMS

ELECTIVE COURSES

CAFETERIA 9 & 10

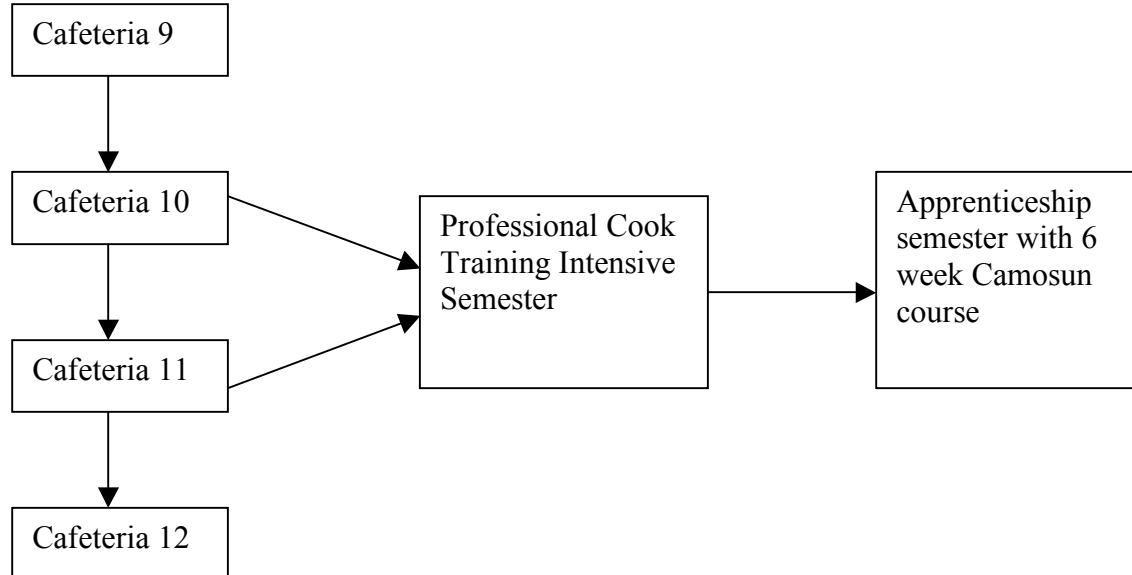
In this program, students earn Food Safe certification. They learn basic cooking & baking techniques, and produce and serve lunch every day for students & public.

CAFETERIA 11 & 12

In the senior cafeteria program, students earn Food Safe certification and continue to build their knowledge of basic cooking & baking techniques. They continue to produce and serve lunch every day for students & public, including outside of timetable catering. There is opportunity to participate in cooking competitions.

ACE-IT LEVEL ONE PROFESSIONAL COOK TRAINING

The GISS Professional Cook Training program includes one intensive semester, an apprenticeship, and a 6 week follow up course taken at Camosun College. In the intensive semester, students will be working full-time on this practical program.



Computer and Design Courses

ELECTIVE COURSES

DRAFTING AND DESIGN 9 - 12

Drafting and Design, otherwise known as CADD, focuses on creating increasingly complex technical drawings using computer software. Initially students complete general drawings using AutoCADD, and then can opt to create 3D drawings using SolidWorks. Students become competent and confident in computer use in general skills and drafting and design skills in particular.

INFORMATION TECHNOLOGY 9 - 12

This series of increasingly complex computer courses allows students to choose 2 modules per semester in the areas of Drafting and Design, Presentations and Spreadsheets, Web Page Design, Programming, Database Construction and 3D Animation. Each area is divided into multiple modules. Students can opt to take 2 modules from the same area or two modules from 2 separate areas each semester. Students become competent and confident in computer use in general and develop skills in relation to the modules they choose. The nature of the course delivery lends itself better to students that are independent learners or have a keen interest in the subject areas.

MEDIA ARTS 10 -12

This series of courses focuses on creating art using media technology. Topics include photography, digital image manipulation, 2D animation, digital video, vector art and graphic design.

YEARBOOK 11 & 12

Yearbook 11/12 focuses on developing the knowledge, skills, and attitudes students need to produce a quality yearbook. Students in this course will learn photography, journalism and publishing skills. You will produce a book that will be used to remember this year for many years to come. Grade 12 students are expected to take on greater responsibility for meeting deadlines and responsible editing.

DANCE

Our Dance program is a demanding curriculum of Jazz, Ballet & Modern Dance styles and choreography. Full class and small group choreography for the stage are included. Students

study the history of Modern Dance in North America. The program is designed so dancers work at their skill level, regardless of grade. Placement is determined by recommendation of previous dance teachers, or by performance assessment at the beginning of the semester.

Equipment required: Girls: black leotard, black 3/4 length dance pants, black ballet slippers with elastic Boys: black T-shirt, black sweat pants, black dance shoes

ELECTIVE COURSES

DANCE LEVEL 1, 2, 3, 4

Students who are new to dance, regardless of their grade, should take Level 1. Each course builds on the previous course. Students focus on development of Jazz, Ballet, and Modern Dance techniques at increasingly complex levels in full class and small group choreography. Students learn terminology, stagecraft, anatomy, physiology, and injury prevention.

DANCE 11: CHOREOGRAPHY

This advanced level course can be taken by permission of the teacher only. The demanding curriculum investigates elements of movement and theories of dance composition. Students are responsible for creating several small & large group choreography pieces.

DRAMA

At GISS, students have a tremendous range of Theatre courses to choose from. Students planning to enter university directly after high school (ie without transfer from college) are normally required to have a fine art credit at the Grade 11 level. Some faculties may waive this requirement. Check with the individual institutions. We offer Acting 11 and Theatre Production 11 which both meet this requirement. Beginner level courses are not required but are foundational in preparing students for senior courses.

ELECTIVE COURSES

DRAMA 9 & 10

ACTING 11 PRODUCTION 11

ACTING 12 PRODUCTION 12 DIRECTING 11/12

Drama 9 and Drama 10 are process based, developmental courses. These courses provide students with the opportunity to acquire and develop a range of drama skills and a repertoire of vocabulary and forms including: improvisation, role dramas, script work, ensemble building, mask work, clowning and collective creation. A

final production is often created as a final product to the process. Acting 11 and Acting 12 are performance-based courses focusing on actor training. Units include a more sophisticated exploration of the rudiments developed in the jr. program with an emphasis on performance technique. Theatre history, script analysis, acting styles, design elements and theatrical structure combine to enable students to produce a final production.

Theatre production 11 and 12 focus on unifying design elements such as sets, props, costumes, lights, sound, make-up, promotion and theatre structure and is often offered to facilitate the production of Acting 11/12 students' final productions.

Directing 11/12 is for the students who have done everything else in the program and are ready to take the reigns and create their own show. From the directorial play analysis through to auditions, rehearsals, design elements and production details the directing students do it all and often out side of the timetable.

Gulf Islands School of Performing Arts – Theatre Arts – 9-12

The Gulf Islands School of Performing Arts (GISPA) is an advanced program for students with professional or post secondary aspirations in performing arts. It is an admission by audition program with a tuition which affords students the opportunities to see professional productions, attend master classes and workshops with professionals and culminates in producing a high-quality performance integrating the three GISPA strands:

Theatre, Music and Dance. GISPA is for the serious, talented and dedicated performing arts student and should be pursued only after consultation with faculty and academic advisors. GISPA requires students to prioritize their performing arts education highly.

English

All students must successfully complete Language Arts 12 for graduation in British Columbia. The pathways for Language Arts are designed for students to reach their individual potential. We recommend that students choose courses to match strengths, interests and goals. An additional consideration is that the post-secondary institutions in BC have different entrance requirements with regard to high school English courses. Students should consult university and college calendars to determine entrance requirements for the faculties or programs they wish to pursue.

EXAMS: All English and Communications courses have final exams except where noted in the course description. Provincial examinations occur at the grade ten and twelve levels.

REQUIRED COURSES

ENGLISH 9 - 12

The English department offers a program for all students. Students will read a variety of genres and will develop and refine individual writing skills. English curriculum includes increasing sophistication in: poetry, short stories, novels, drama, media awareness, language usage & grammar, creative writing, paragraph & essay writing, listening & speaking skills. Most universities and colleges require English 12 for entrance.

COMMUNICATIONS 11 & 12

The Communications English route is an important one for those students who really want to develop their skills in a practical, informed manner. Reading speed, reading fluency, writing in a variety of genres, including resumes, business letters, personal letters, and aural and oral fluencies are key. There is a provincial examination for Communications 12. Once a student feels competent in his/her English skills, he/she may wish to pursue English 12.

ELECTIVE COURSES

LITERATURE 12

This course is a sampling of English Literature beginning with the Anglo-Saxon period through Medieval, Elizabethan, Seventeenth, and Eighteenth Centuries, Romantic and Victorian and 20th century periods.

The student will study not only individual selections of prose, poetry, and drama but also the intellectual and social history of the periods. Optional government exam.

WRITING 12 DISTRIBUTED LEARNING ONLY

Following the guidelines of the Ministry curriculum, there is a heavy emphasis in Writing 12 on developing individual style. Considerable self-discipline and maturity are expected of the student. Writing 12 is an incredible opportunity to explore two genres in depth: poetry and fiction. Students are required to produce a specified number of pages of material in each genre studied and will be expected to engage in workshop criticism through regular weekly submission of material and meetings. There is no final exam for this course.

ENGLISH AS A SECOND LANGUAGE

This series of courses is designed for English as a Second Language (ESL)

students who need ongoing support and instruction in basic English skills. The focus is on improving oral and written communication, and comprehension skills to aid in academic success. Units of study include: English language use in problem solving, reading, writing and speaking. This course embraces and celebrates all cultural origins as part of its content.

ESL ONLINE DISTRIBUTED LEARNING ONLY

Students who want more practice with English reading, writing, listening and speaking can enroll in an online ESL course through our Rosetta Stone online language program. This program is meant to supplement regular ESL classroom instruction.

French Immersion

We offer a full French Immersion program at GISS. Students who successfully complete the Secondary French Immersion program will reach a bilingual status and will be awarded a bilingual Dogwood certificate. This certificate opens the doors to a number of post-secondary opportunities pursuing studies in French. The program involves taking 3 courses at the Grade 9 and 10 levels, two in Grade 11 and one final course in Grade 12 ending with the Provincial Exam. Students generally stay with the same cohort throughout the program and benefit from many extra cultural activities as part of the program. **All courses are required** to receive a dual Dogwood graduation.

REQUIRED COURSES

FRANÇAIS LANGUE SECONDE 9 - 12

The French Immersion Language Arts picks up from the grade 6 to 8 French Immersion Program at the Middle School and extends the scope in greater depth. Instruction is given solely in French. Reading, listening, writing and speaking skills increase in sophistication. There is a consistent emphasis on the use of French in the classroom. The multi-faceted French culture will be understood and enjoyed through the study of poetry, short stories, novels, drama, media texts spanning the last three centuries. In Grade 11 and 12 special attention will be given to analysis of literary forms, elements, techniques and stylistic devices to enhance writing skills. Students will have the opportunity to demonstrate their speaking skills by participating in a B.C. wide "Concours d'Art Oratoire". The Grade 12 provincial exam counts for

40% of the final mark and is mandatory to successfully complete the Program.

SCIENCES HUMAINES 9 - 12

Sciences Humaines is an integral part of the French Immersion Program where the instruction is solely in French. It follows the same Ministry guidelines as the Socials Studies curriculum; the goal is to improve the student language skills through the study of History from the 17th to the 20th century, major geography concepts and informative current events. Through activities such as individual or group research and presentations, with the help of technology, the students will develop their oral skills. The Sciences Humaines Provincial examination in Grade 11 is a translation of the Socials examination and counts for 30% of the final mark.

MATHEMATIQUES 9

The content of Mathématiques 9 is the same as its English Math 9 counterpart with the sole exception that the program is delivered entirely in French.

PLANIFICATION 10

The content of Planification 10 is the same as its English Planning 10 counterpart with the sole exception that the program is delivered entirely in French.

EXCHANGE OPPORTUNITIES

Student exchange opportunities are also offered to French Immersion students at the grade 10 and 11 levels. Interested candidates can benefit from a fully funded 3 month exchange with Quebec offered by the BC Ministry of Education. There is also the possibility of participating in a 3 month France exchange at a minimal cost through OSEF. Other summer exchange programs and French camps will be proposed to students as a way to enhance their immersion experience. Information on all these programs will be distributed to all French Immersion students by classroom teachers in the appropriate timeline.

GRADUATION TRANSITIONS

REQUIRED COURSES

PLANNING 10

Planning 10 provides opportunities for students to plan for successful learning in the Graduation Program, explore a wide range of career and post-secondary education and career options, think critically about health issues and decisions, develop financial literacy skills, and plan the actions required to pursue post secondary

destinations and career paths. The Graduation Transitions program is also explained in this course. Planning 10 is a required course for Graduation.

GRADUATION TRANSITIONS

Graduation Transitions is a program that must be completed between grades 10 and 12. It is mandatory for graduation. The program consists of 3 pieces, guided by homeroom teachers:

- 1) **Personal Health** – currently 80 hours of physical activity. (The Ministry of Education is exploring changes in this area and more information will be sent out as it becomes available.)
- 2) **Community Connections** - 30 hours of volunteer or paid work experience.
- 3) **Career and Life** – Transition plan and interview.

If you wish extended details on the Graduation Program, please visit the Ministry of Education's website at:

www.bced.gov.bc.ca/graduation

Human Services Education

OPTIONAL COURSES

FAMILY STUDIES 10, 11, 12 DISTRIBUTED LEARNING ONLY

The aim of the Family Studies 10 to 12 curriculum is to provide students with the knowledge, skills, and attitudes that will assist them in making informed decisions related to parenting, adolescence, adulthood, family and interpersonal relationships, and housing and living environments. These courses are self-directed.

Students need strong organizational and planning skills to be successful.

LEADERSHIP 10, 11, 12 OUTSIDE THE TIMETABLE

This course enrolls students in Grades 10 - 12 and may be retaken at each grade level. This course meets at least once a week at 8:15 am and/or the lunch hour. It also requires a substantial amount of time outside class meetings. Students work together in cross-grade teams to complete assigned and optional projects ranging from spirit activities for the student body to service projects in the community.

PEER COUNSELLING 11, 12 gr. 12 OUTSIDE THE TIMETABLE

Students learn and practice communication skills and entry-level counseling skills. Students will also learn about specific health and living issues that can affect students. Once trained, Peer Counsellors provide service to their fellow students on a schedule outside of class time.

PEER TUTORING 11, 12

Students can receive credit in Peer Tutoring by providing academic

support, homework review and encouragement to fellow students. Opportunities include assisting students in classes or the Learning Resource Centre, assisting teachers in the classroom, helping at SIMS or Salt Spring Elementary, or providing one-on-one tutoring to fellow students. Training is provided in class at the beginning of the semester and PT meetings are scheduled at alternate times. These meetings provide tutors with professional development opportunities to learn about learning differences, tutoring strategies and available community support services.

PSYCHOLOGY 11 DISTRIBUTED LEARNING ONLY

This class will appeal to the mature student, from any discipline, able to engage in topics such as sleep and dreams, hypnosis, drug abuse, memory, motivation, (biological and social needs, hunger, sexual behavior, cultural diversity, achievement, eating problems), adolescence and adulthood, personal and social changes, stress and coping, anxiety disorders, mood disorders & schizophrenia, therapies, aggression, and genetics.

ECCE CAMOSUN COLLEGE DISTRIBUTED LEARNING ONLY

In partnership with Camosun College, students can earn dual credit (high school and college) in Early Childhood Care Education. Students who are interested in a career in daycare, preschool or work with young children are invited to apply for this program in their grade 11 or 12 year.

Mathematics

All students must successfully complete a Math 11 course for graduation in British Columbia. Most universities and colleges require at least Principles of Math 11 for entrance. Check individual university and college entrance requirements to be sure what you'll need.

EXAMS: All Math courses have final exams except where noted in the course description. Principles of Math 10 and Essentials of Math 10 have a required Provincial examination, and there is an optional provincial exam for Principles of Mathematics 12.

REQUIRED COURSE

MATHEMATICS 9

Mathematics 9 continues the path students have been taking in Mathematics K-8. Studies will continue in pattern, variables and equations, measurement, 3D objects and 2D shapes, transformations, data analysis and chance and uncertainty.

NOTE: Students studying Mathematics 9 starting in September 2009 will follow a different pathway than that outlined below.

REQUIRED COURSES: THREE PATHWAYS FOR STUDENTS IN MATH 10–12

ESSENTIALS OF MATHEMATICS 10

ESSENTIALS OF MATHEMATICS 11

PRINCIPLES OF MATHEMATICS 10

PRINCIPLES OF MATHEMATICS 11 UE

PRINCIPLES OF MATHEMATICS 10

PRINCIPLES OF MATHEMATICS 11 US

PRINCIPLES OF MATHEMATICS 12

REQUIRED: Choose one grade 10 course

PRINCIPLES OF MATHEMATICS 10

Principles of Mathematics 10 picks up from Mathematics 9. It is an academic course and requires that students have a thorough understanding of Mathematics 9. Students following the Principles of Mathematics pathway will develop their understanding of symbol manipulation and of generalizations of more sophisticated mathematical concepts. Following Principles of Mathematics 10, students will choose either Principles of Mathematics 11 University Entrance or Principles of Mathematics 11 University Science.

ESSENTIALS OF MATHEMATICS 10

Essentials of Mathematics 10 offers students opportunities to improve their numeracy skills and concepts in order to understand how mathematical concepts permeate daily life, business, industry and government. It is intended that students will learn to value mathematics and become confident in their mathematical abilities.

REQUIRED: Choose one grade 11 course

PRINCIPLES OF MATHEMATICS 11 University Entrance (UE)

Principles of Mathematics 11 (UE) covers the curriculum of Principles of Mathematics 11 only to a minimal extent. The final mark will be compressed to reflect the student's mastery of the total curriculum. This course is intended for students who will not need further mathematics courses in a post-secondary program. It is **NOT**

a pre-requisite for Principles of Mathematics 12.

PRINCIPLES OF MATHEMATICS 11 University Science (US)

Principles of Mathematics 11 is an academic course intended to prepare students for post-secondary studies.

One of the primary purposes of Principles of Mathematics is to develop the concepts students will need to continue on with the study of Calculus. Students intending to study Principles of Mathematics 12 need to complete Principles of Mathematics 11 University Science first.

ESSENTIALS OF MATHEMATICS 11

Essentials of Mathematics 11 follows from Essentials of Mathematics 10. This course fulfills the graduation requirement, but may not fulfill entrance requirements into post-secondary institutions. Students should check with a counselor if they are concerned about their future options.

ELECTIVE COURSES

PRINCIPLES OF MATHEMATICS 12

Principles of Mathematics 12 is an optional academic course for students who will need a mathematics course for entrance into university. It is recommended that students intending on taking Calculus 12 also take Principles of Mathematics 12.

CALCULUS 12

Calculus 12 is an optional academic course intended to prepare students for post-secondary studies in scientific fields. It is a locally developed course for students who will encounter Calculus in their chosen field and requires a very high degree of motivation and interest. Calculus 12 and Principles of Mathematics 12 can be taken concurrently.

Modern Languages

At GISS, students have a wide range of language courses to choose from. Students planning to enter university directly after high school (ie without transfer from college) are normally required to have credit for second language study through Grade 11. Some faculties may waive this requirement. Check with the individual institutions. We offer French 11 and Spanish 11 which both meet this requirement. Beginners level courses do not generally meet the requirement.

ELECTIVE COURSES

FRENCH 9 - 12

The French program picks up from the grade 5 – 8 Core French program and extends the students' learning with increasing sophistication. The courses build on each other so should

be taken sequentially. There is a strong emphasis on communication skills acquired through an experiential approach and an appreciation of French culture. Students can expect to speak more French each year and attain a functional level of fluency by Grade 12. They can elect to write the optional French 12 government exam by the end of the program. Depending on enrollment, French 12 may be offered in alternating years only. Grade 11 students should check with their counselor and possibly take French 12 in their grade 11 year.

BEGINNERS SPANISH 11

SPANISH 11 & 12

AP SPANISH 12 AP in DISTRIBUTED LEARNING ONLY

The Spanish program begins with the beginner level course, which students can take before grade 11, with increasing sophistication in subsequent courses. The courses build on each other so should be taken in order. Students engage in reading, writing, listening and speaking activities in a communicative, experiential approach. Completion of Spanish 12 prepares students for the optional government exam.

BEGINNER'S FOREIGN LANGUAGE 11 DISTRIBUTED LEARNING ONLY

The Distributed Learning Centre offers many languages at the beginner level through our online Rosetta Stone program. Languages available include German, Japanese, Mandarin, Spanish, Italian, Russian and more. Students study the language of their choice through an online immersion program that includes listening, reading, writing and speaking and can be accessed over the internet at school and at home. Cultural studies are included as part of the program. Where possible, students are linked with our own International students for support and conversation.

Music Education

At GISS, students have a tremendous range of Music courses to choose from. Students planning to enter university directly after high school (ie without transfer from college) are normally required to have a fine art credit at the Grade 11 level. Many music courses meet this requirement. Some faculties may waive this requirement. Check with the individual institutions. All music students are required to wear black, formal attire for semester end performances and bring their own instrument to use in class.

ELECTIVE COURSES

MUSIC COMPOSITION 9 - 12

This series of courses explores classical, pop, rock, and world music genres with increasing complexity. In addition to the playing and theory components of the course, students are expected to use technology and participate in public and classroom performances. Students will be assessed through their classroom participation, theory work, performances, and the compositions they create.

JAZZ BAND 9 - 12

Students must audition for placement in Jazz Band; auditions are held in September. This series of courses focuses on improvisation, solo playing, and theory. A variety of genres are explored, including jazz, rock, funk, and blues. There is an expectation that students will participate in festivals and performances. Black performance clothing and an instrument are needed.

CONCERT CHOIR 9 - 12

This full year course is offered outside the timetable (mornings before school), and placement is determined through an audition held in September. Choir is open to students from grades 9 – 12 and explores several concepts in vocal music, including ear training and work in 3 – 4 part harmony or even 6 part harmony in the advanced choir. It is expected that students will participate in performances and formal black performance clothing is a requirement.

JAZZ CHOIR 9 - 12

This full year course is offered outside the timetable (mornings before school), and placement is determined through an audition held in September. Students must have strong music reading skills to be successful. This series of courses focuses on developing performance skills through mastery of the voice and ear training, as well as independent line reading. There will be exposure to a variety of musical styles and repertoire, and an emphasis on performance. Formal black clothing for performances is required.

GUITAR 11 & 12

In these courses, students will explore different styles of music, ranging from pop, rock, to classical music. Students will learn theory, composition, symbols, rhythm, and technical terms, in addition to reading notes and chords. There is a focus on performance, compositions and reading music. While students do not need

experience to enter this course, they need to bring an acoustic or classical guitar to use in class.

PHYSICAL EDUCATION

All students must successfully complete a Physical Education 10 course for graduation in British Columbia.

REQUIRED COURSES

DAILY PHYSICAL ACTIVITY

Grade 9 students are required to participate in physical activity for 30 minutes every day, at lunch or at home after school, and to keep a record of their activity. Students in grades 10 – 12 are required to participate in 150 minutes of physical activity every week and to keep a record of their activity. This documentation is kept by homeroom as part of the Graduation Transition portfolio that is **required for graduation**.

PHYSICAL EDUCATION 9 & 10

In Physical Education 9/10 students will play a variety to individual/dual sports (weights, running badminton, pilates) and team sports (volleyball, basketball, soccer, rugby softball, ultimate, flag football, indoor soccer, lacrosse, street hockey, and handball). Marking is based on written tests, skill tests, fitness logs, and participation. Students will be introduced to the basic components of fitness, and a healthy lifestyle.

ELECTIVE COURSES

PHYSICAL EDUCATION 11 & 12

This class is designed to introduce students to a wide range of sports and leisure activities. In this class, we do some of the traditional sports and activities, but strive to include lifetime activities such as golf, tennis, swimming, rock climbing, hiking, skating, archery, yoga, and scuba. The theory section of these courses focuses on injury prevention and management, exercise physiology, exercise program design, considerations for different populations at different stages of life, opportunities for recreation in a community and careers in recreation.

PE AIDE 11 & 12

The PE Aide 11/12 class allows students to get some leadership experience. PE Aides help the teacher organize drills and games, encourage and help students to improve their confidence and skills in a variety of sports, lead warm-up activities and referee and coach games.

ATHLETE 10, 11, 12 EXTERNAL CREDENTIAL

Students who are selected for regional, provincial or national teams may

be eligible for high school credit.

These credits do not meet the PE 10 graduation requirement, but they are recorded on your transcript. See a counselor if you have documentation of your participation on an elite team.

Sciences

All students must successfully complete a Science 11 course for graduation in British Columbia. Most universities and colleges require at least one of Biology, Chemistry or Physics for entrance. Check individual university and college entrance requirements to be sure what you'll need. EXAMS: All Science courses have final exams except where noted in the course description. Science 10 has a required Provincial examination.

REQUIRED COURSES

SCIENCE 9 & 10 plus one Science 11 course from below

The junior Science curriculum has 3 main components: Life Science, Physical Science, and Earth and Space Science. Topics include genetics and human reproduction, electricity and magnetism, radioactivity, chemicals, and reactions, and earth forces. Assessment includes assignments, quizzes, and tests, as well as the required Provincial Exam.

OPTIONAL COURSES (students are REQUIRED to choose 1 Science 11)

BIOLOGY 11

Biology 11 follows the development of cells over time, from simple to complex organisms. There is an emphasis on plants, insects, mammals, and their specific adaptations. Students will be expected to evaluate, assess, defend, hypothesize, and develop their critical thinking skills, as well as manage extensive scientific terminology. This course also considers ecological diversity, and the economic importance of microorganisms, fungi, plants, and animals.

BIOLOGY 12

It is recommended that students take Biology or Chemistry 11 before choosing Biology 12 as an elective. In this course, students will explore animal and plant Biochemistry and Physiology, human Physiology and Anatomy, and unifying themes including homeostasis and control mechanisms. Assessment includes assignments, tests, and a class final exam. The Biology 12 Provincial exam is optional.

CHEMISTRY 11

In Chemistry 11, students will survey principles and practices of chemistry. They will conduct some lab work to demonstrate major chemical principles. It is recommended that students choosing Chemistry 11 take Principles of Math 10 as there is an emphasis on the mathematical aspects of science; students must be able to deal with ratios and other simple mathematical functions.

CHEMISTRY 12

It is strongly recommended that students take Chemistry 11 and Principles of Math 11 before choosing Chemistry 12 as an elective. In Chemistry 12, students explore the rates of chemical reactions, chemical equilibrium, acids, acid-base concepts, oxidation-reduction reactions, and the solubility of compounds.

Assessments include tests, labs, quizzes, assignments, and a class final exam. Students will need a scientific calculator. The Chemistry 12 Provincial exam is optional.

PHYSICS 11

Physics 11 is strongly recommended for students planning further studies in Science or Engineering. It is also recommended that students choosing Physics 11 take Principles of Math 10. Physics 11 introduces the basic concepts in Physics: position, speed, and acceleration. The course covers Newtonian Mechanics, including Newton's laws, momentum, work, and energy. There is a unit in static and current electricity, and spatial relativity. Assessment includes tests, labs, quizzes, assignments, and projects, as well as a class final exam.

PHYSICS 12

It is strongly recommended that students take Physics 11 and Math 12 before choosing Physics 12 as an elective. Physics 12 introduces the concepts of quantum physics, vectors, energy and momentum, circular motion, gravitation, and current electricity, including static and current electricity, and electromagnetism.

Topics are covered in more depth than in Physics 12; this course is for motivated students who are interested in Science and Engineering. Assessment includes labs, assignments, tests, quizzes, and a class final exam.

The Physics 12 Provincial exam is optional.

SCIENCE AND TECHNOLOGY 11

Science and Technology covers units that explore many relevant issues today. Students will learn about leisure and recreation technology related to lifestyle choices, defense technology, and communication and exploration, including computers, space and transportation. Other topics

include the environment and resources, including pollution and energy issues, human requirements, such as medicine and food production, and how technologies affect our lives. Assessments will include tests, assignments, quizzes, and a class final exam.

NB Science and Technology 11 is NOT accepted by universities as an academic science course, but it satisfies the Grade 11 science requirement for graduation.

SUSTAINABLE RESOURCES 11 Distributed Learning Only

This course looks at Agriculture, Fisheries, Forestry, Mining, and Energy along with career opportunities.

Focus is on the following key themes: role & importance of resources in society, First Nations, Métis, and Inuit (FNMI) perspectives, sustainability and conservation, environmental responsibility and stewardship, stakeholder roles, responsibilities, and contributions, economic influences and impacts, political influences and impacts, innovation, research, and technology.

Science Specialized Programs

AHEAD full year program gr. 9

This is a fully integrated grade 9 program where a small group of students work with one teacher in a program that is based on Agriculture. All subjects are taught with an agriculture focus and much of the program is hands-on. One day per week is spent on Mayne Island at the Rest-Q Animal Sanctuary working with the animals. Students commute to Mayne on the water taxi. On the remaining three days, students spend some time in the classroom and some time working on local farms or in the school cafeteria vegetable garden.

HANDS ON SCIENCE one full semester

This full-time, one semester program offers field-based studies in a variety of science areas. Students will work with one teacher to complete a minimum of 16 credits including a range of science-based courses such as Biology 11, Sustainable Resources 11, Earth Science 11, and Geography 12 integrated and taught through field trips and real life scientific studies supporting scientists in our community and across the globe. Additional credits can be earned through Independent Directed Studies in the student's own areas of interest.

This program will run in semester 2.

SATURNA ECOLOGICAL EDUCATION CENTRE PROGRAM on Saturna Island

Focusing on ecological and environmental leadership, this program offers students a range of options to assemble a customized suite of courses that could include: Biology 11, English 11 and 12, Geology or Geography 12, Teaching and Learning 11 and Independent Direct Studies. Students can board, free of charge, on Saturna for this three-day-week program, or commute on the water taxi each day. Space is available for 12 students maximum.

Social Studies

All students must successfully complete Social Studies 11 for graduation in British Columbia.

EXAMS: All Social Studies courses have final exams except where noted in the course description. Social Studies 11 and BC First Nations 12 have a required Provincial examinations.

REQUIRED COURSES

SOCIAL STUDIES 9

Social Studies 9 consists of the major changes that took place between 1500-1800 in both Europe and North America. European Exploration, the English Civil War, the French Revolution, Napoleon, and the Industrial Revolution are covered as well as First Nations and European contact, the colony of New France, British and French conflict in the New World and the American Revolution are examined. Geography of these same continents is done as well as an introduction to map skills.

SOCIAL STUDIES 10

Social Studies 10 consists of an examination of the factors that have shaped, and continue to shape, Canada and Canadians. Employing economic, geographic and historical perspectives, students will study the changes that Canada went through from 1812 through to 1914 while the focus moves from the east coast to the west. Geography will consist of Canadian geography and extensive use of map skills. Global geographic concerns are also addressed in this course.

SOCIAL STUDIES 11 (BC First Nations 12 may be substituted)

Social Studies 11 is a multidisciplinary course covering three main topics: Government, History, and Geography. The Government section examines the structure and operation of Canadian politics and

government, as well as the rights and responsibilities inherent in being a Canadian citizen. The History unit explores the forces that have united and divided Canadians during the twentieth century, the development of our autonomy and international position, and the evolution of our unique, diverse Canadian identity. The Geography section focuses on the environmental impact of economic activity, population trends, and environmental issues facing Canadians and the world. Student activities include cooperative learning, reading and response writing, discussions, debates, research, formal essay writing, projects, and presentations. This course has a required Provincial exam worth 20% of the total mark.

ELECTIVE COURSES

BC FIRST NATIONS STUDIES 12

Students study culture, history, and issues of First Nations peoples, focusing primarily on B.C., relationship of First Nations groups with the land, and European impact on First Nations groups from 1770 to the present. The course explores traditional culture and contemporary issues. The provincial exam is required for all students.

COMPARATIVE CIVILIZATIONS 12

In this course, students examine ancient and modern civilizations and their influence on modern North America. Cultural elements such as mythology, art, daily life, warfare & philosophy are significant discussions. This is an academic course, but may not be eligible for university admission.

GEOGRAPHY 12

Geography 12 is the study of the physical, natural and human elements of the global environment and is particularly concerned with interrelationships and interdependencies among these elements. Geography 12 students will learn about physical geography, including: weather, climate, soils, ecosystems, geology and erosional processes. Students will also learn about human geography, which is the study of patterns and processes that shape human interaction with the environment. The course will provide students with an understanding of how humans shape the planet and in turn are shaped by the planet. Many global and regional environmental issues of importance to Canadians today are discussed in the class. Provincial exam is optional.

HISTORY 12

In History 12, students gain an understanding of dominant social, political

& economic forces that have shaped the 20th century from a global perspective. The Treaty of Versailles, interwar period, World War II and the Cold War to the collapse of Communism and the Soviet Union are all studied. Current events will be incorporated into the course whenever links are pertinent. There is an optional provincial exam.

MEDIA LITERACY 12

This course is predicated on the understanding that we are the first generation to construct our reality based on electronic images of reality. Movies and television sitcoms promote the fantasy that all of life's problems can be solved by simple narrative solutions. Alfred Hitchcock said that movies were just life with all the boring bits removed. Increasingly, we look for simple solutions to life's complex problems. In this age of electronic media, it is difficult to compartmentalize each aspect of the media without making constant reference to other aspects of it. Each week will have a theme and a focus for developing some aspect of media literacy.

LAW 12

The Law 12 course is designed to introduce students to the basic facts and issues in Canadian law including government, the court system, human rights, provincial and federal statutes, criminal law, and civil law. The basic elements of tort law, negligence, and family law are also discussed. The Law 12 classroom is a stimulating and interactive environment where learners are encouraged to participate positively and respectfully in class activities, discussions, and presentations.

SOCIAL JUSTICE 12 DISTRIBUTED LEARNING ONLY

A progressive, democratic country values diversity and inclusion. The goals of Social Justice 12 are that students acquire knowledge that allows them to recognize and understand the causes of injustice, apply critical thinking and ethical reasoning skills to a variety of social justice issues, develop an understanding of what it means to act in a socially just manner, and become responsible agents of change, making positive contributions toward a socially just world.

TRADES EDUCATION

ELECTIVE COURSES

TECHNOLOGY 9

The main purpose of this course is to develop problem solving and critical

thinking skills. Students will have the opportunity to participate in a variety of design and technology based activities. Knowledge gained in these problem solving activities also will help social learning skills such as team work, leadership roles, decision making capabilities, cooperation and responsibilities. Topics to be covered include: Problem solving; critical thinking; workshop safety; design and research; mechanisms; electronics; structures; computers; manufacturing; materials; hydraulics; lasers; fiber optics and robotics.

WOODWORK 9

TECHNOLOGY EDUCATION 10: WOODWORK

The junior Woodwork program introduces students to various aspects of the cabinet making trade. We begin by studying, designing and constructing a project within specific design guidelines. Emphasis will be given to: awareness and application of wood design; working knowledge of wood (wood species, products, structures, fastenings, and finishing application); safe and correct use of all power equipment and hand tools; a responsible attitude towards fellow students; and maintenance and responsible care of equipment.

TECHNOLOGY EDUCATION 10: METALWORK

This is a course for grade 9 and 10 students interested in learning metal shop skills, through using materials and machines to make useful projects. Shop practice, safety and cleanup and service of tools and equipment are emphasized. Operations and procedures in all metal practices such as: arc welding, oxyacetylene welding, lathe work, drilling, forging, grinding sheet metal work and scroll work are introduced. This is a comprehensive basic metal course. Skill and craftsmanship, with safety, is stressed.

CARPENTRY & JOINERY 11 & 12

This senior Woodwork program includes: exploring aspects of past and present examples of good industrial design and relating this in the design, planning and construction of wood products to a high standard of craftsmanship; using wood and other related materials as they are used in the industry; using various methods of wood surface protection and finishing; discussing problems and difficulties as related to the mass production of wood products in our industrial world. It also includes the refining of design and cabinet making skills and techniques. Students are required to design, plan and

craft their own projects.

METAL FABRICATION & MACHINING 11 & 12

The Metal Fabrication & Machining program is a general metalwork program which emphasizes the development and mastery of skills associated with bench work, hand tools, and machine work. Later, emphasis is on the extensive use of machines such as lathe, milling machine and arc welder. The set of courses provides valuable experience for those going on in the machine, sheet metal or automotive trades.

ACE-IT LEVEL ONE CARPENTRY OUTSIDE THE TIMETABLE

Accelerated Credit Enrolment in Industry Training (ACE IT) is an industry certification program for BC secondary school students. (See www.itabc.ca/) The program enables students to earn both graduation credits and credit for the first level of technical training associated with an Industry Training Program. High school students have an opportunity to gain a head start by earning their credential in one of the many trades or industry occupations that the Industry Training Authority (ITA) recognizes. The GISS Carpentry program runs on Thursday evening and all day Friday through the full year.