

Whistler Secondary

A Community School

Grade 9 Course Selection Booklet

2017/18

February, 2017

Dear Parents and Students:

Welcome to course selection at Whistler Secondary School. Following is the course selection booklet for grade 9. As a small school, we are limited somewhat by what we can offer, but we are proud of the quality of the courses we have at WSACS. Take the time to become familiar with the courses and the process. Parents and students sitting down to review their courses for next year is an essential element in planning for a successful year.

Should you have any questions regarding course planning please do not hesitate to call our school counselor, Mr. Kevin Titus at (604) 905-2581.

Sincerely

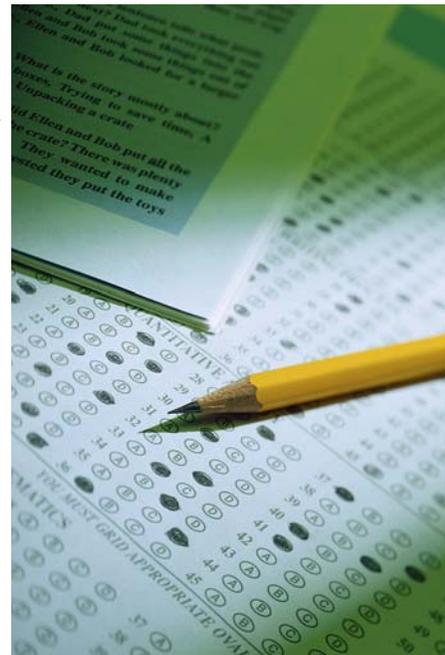
Mr. Nolan Cox, Principal
Mr. Kevin Titus, Counselor

Course Planning and Offerings

Course offerings (for elective courses) are based on the selections made by students. Courses will be offered on the basis of sufficient enrollment.

We encourage parents to be involved in their son/daughter's course planning and welcome contact with parents who have questions or concerns.

Provincial examinations in English 10, Math 10 and Science 10 is a mandated part of a student's graduation requirements. The Provincial examination will represent 20% of the student's final letter grade and the classroom marks will represent 80%.





COMMONLY ASKED QUESTIONS TO CONSIDER WHEN PLANNING YOUR COURSES

How many courses should I take each school year? All students are expected to take 8 courses per school year.

When should I choose my elective (Selected Studies) courses? You should choose your Selected Studies courses only after considering what your past achievement has been, what career path you would like to follow, and what advice has been given by counselors, teachers and parents.

How do I find out about post secondary institutions' entrance requirements? The best place to go is to the website of each university. Some calendars outlining detailed requirements for specific programs are available from the counselor. All students should re-search their chosen fields of study and make themselves aware of these entrance requirements, and plan their courses at WSS accordingly. You can get post secondary calendars at www.pas.bc.ca.

How do I know what high school courses are required for post secondary entrance? The requirements vary for each institution and program of study, but there are some standard requirements listed in the calendars. Be sure and find out what these are early and take the appropriate courses. For example, Physics 11 and Chemistry 11 are required courses for science programs at university, and French 11 or an equivalent language is required for entrance into most programs at the province's big three universities. (Simon Fraser University - Beginners Language, University of British Columbia, University of Victoria) You can get more information from www.educationplanner.ca.

What do I have to do to earn the \$1000 provincial exam scholarship. You need to score a B on your English 12 exam, pass all the other 4 provincial exams, and have a combined mark in the 5 provincial exams that is in the top 5000 in the province

What if I want to change my timetable after I've already selected my courses? If you wish to change your timetable before school begins the following September, please make an appointment with the counsellor who will try and help fulfill your request. If you want to make changes after the term has begun you must make sure you have an educationally sound reason, and discuss this with the counsellor and your parent/guardian. The deadline for any course change is three days after the term has begun.

How does the school decide what electives to offer? All electives (Selected Studies) courses are offered based on student demand and teaching time available within our school timetable.

What if I can't get the senior course I want? If you cannot get a senior level course that you would like you may be able to take the course online. Grade 10 level courses or higher, do not cost anything but they do require the student to be self-motivated. See Mr. Titus if you have any questions about online courses.



EARNING ADDITIONAL CREDITS IN THE GRADUATION PROGRAM

Students may be able to obtain high school credit in the following ways. For more information please contact our school counsellor, Mr. Titus.

EQUIVALENCY

Course equivalency is the process of receiving credit, based on documentation which indicated the student has achieved the learning outcomes for an approved grade 11 or grade 12 course outside of the BC school system. Common situations may involve students who have moved from another province or country, or who have credentials from an out of school program that school boards or the Ministry have deemed equivalent.

INDEPENDENT – DIRECTED STUDIES (IDS)

Independent-Directed Studies (IDS) allows students to initiate, develop and complete their own courses under the supervision of a teacher. An IDS course must be based upon the learning outcomes of a Ministry-Authorized or Board/ Authority Authorized course. Students may get one, two, three or four credits at the grade 10, 11 or 12 level.

EXTERNAL COURSES

An External Course is an organized set of learning activities that is developed or offered outside the BC School System. Students may earn credit for successfully completing an External Course approved by the Ministry. For example – a student who has completed their Grade 8 Piano through the Royal Conservatory of Music could receive credit for Music 12. The ministry has supplied a list of the External Youth Development Course, Sports Programs, Music Courses, and Industrial and Occupational Courses that will be recognized for Grade 11 or 12 credit. The counsellor has a complete list of all Ministry approved External Courses.

CHALLENGE

If documentation is not available to do an equivalency review, it is appropriate for a student to challenge a course. If a student has not taken the course, but feels that they can challenge the learning outcomes then they may go through the challenge process. There is no cost to challenge a course. If you would like to challenge a grade 11 or 12 language course, you must start the application process in October and the actual exam is in Delta in February. If you want to challenge

SPECIAL PROGRAMS

LEARNING ASSISTANCE PROGRAM

1. Learning Assistance provides help to students who have minor to moderate difficulties in learning. Students who are identified for Learning Assistance may receive support in two ways. They may have the help of a teaching assistant within an integrated classroom and work on a program that has been adapted to help them meet the learning outcomes of the course. Alternatively, students may receive Learning Assistance in the form of a nonintegrated block where they may get extra time and help with their coursework from a teacher and/or teaching assistant. In this case, small groups can be targeted for reinforcement of particular concepts, and/or coaching in study habits that might help students achieve more effectively.

2. Student Services provides help for students who have moderate to severe difficulties in learning. Upon recommendation of the Special Education Team, a student may be assigned to an adapted or modified program and supported in two ways. Students receiving Student Services may get help in their integrated class on a modified program with full or part-time teaching assistant support. Alternatively, students may receive intensive remediation in literacy and basic numeracy, as well as instruction in study habits and skills for school success.

PEER TUTORING

Peer Tutoring is a locally developed course for senior students (Gr. 11 or 12) who are interested in providing classroom assistance for junior classes at WSS.

Interested students must be committed to spending one of their blocks to being a classroom tutor. They will be responsible for providing assistance to students and teachers. There are 5 components to the Peer Tutoring Program which must be completed to receive credit:

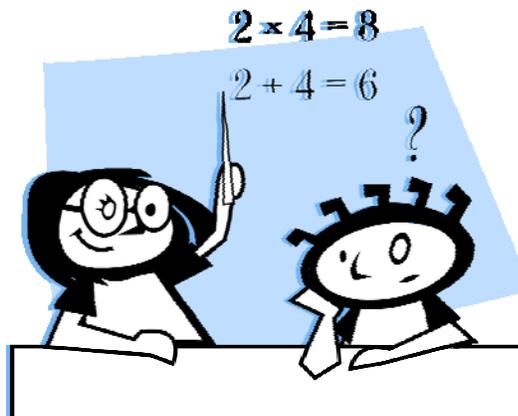
Apply for the program through your counsellor and your course selection form.

Attend the training sessions which will prepare you for tutoring responsibilities.

Each tutor will keep a Day Book or Log of classes outlining the daily duties performed as a Peer Tutor.

A Sponsor teacher assessment form will be completed by the teacher whose class you tutored.

At the end of the quarter, a reflective essay and a project (which is determined during training sessions) will be completed.



What You Need to Graduate

The Graduation Requirements Grades 10 – 12

You will be working towards 80 credits (**equivalent to 20 four-credit courses**) required for graduation.

48 credits are required courses, including:	
Language Arts 10 (English)	4 credits
Language Arts 11 (English 11 or Communications 11)	4 credits
Language Arts 12 (English 12 or Communications 12)	4 credits
Social Studies 10	4 credits
Social Studies 11, Canadian Civics 11 or BC First Nations Studies 12	4 credits
Science 10	4 credits
Science 11 or 12 (Biology/Chemistry/Earth Sciences/Physics)	4 credits
Mathematics 10 (Foundations and Pre-calculus or Apprenticeship and Workplace)	4 credits
Mathematics 11 (Pre-calculus or Foundations or Apprenticeship and Workplace)	4 credits
Physical Education 10	4 credits
Fine Arts or Applied Skills 10, or 11 or 12	4 credits
Planning 10	4 credits
Graduation Transition	4 credits
7 Elective Courses (10,11 or 12)	28 credits
You must have a minimum of 16 credits at the Grade 12 level including Language Arts 12 (English or Communications). All ministry-authorized and board/authority approved courses count.	
Total	80 credits

Important Information

Government exams will be required for English 10, Science 10, Math 10, Social Studies 11, and English 12 or Communications 12.

Be careful when you drop a course late in the school year – it could be the one you need to graduate.

Don't forget that post-secondary institutions often require you to complete specific courses to get into certain programs. Careful planning in Grades 10, 11 and 12 will ensure you have all the courses and credits you need.

Planning 10 (4 credits)

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 opportunities for students to plan for successful completion of the Graduation Program.

To explore a wide range of career and post-secondary education and career options.

To think critically about health issues and decisions.

To develop financial literacy skills.

Plan the actions required to pursue post-secondary destinations and career paths.

Students will be introduced to the Graduation Transition in Planning 10 and it will be completed by the end of grade 12.

POST SECONDARY INFORMATION

In planning courses for Grade 11 and Grade 12, you should have some goal(s) in mind for continuing your training or education. Below you will find information listed on some of the post-secondary institutions in our province. For more detailed information, please drop into the Counselling Area.

UNIVERSITIES

There are many public universities in B. C. –the larger ones are Simon Fraser University, University of British Columbia, University of Victoria, University of Northern British Columbia, Thompson River University, and UBC-Okanagan

Generally, admission is based on a percentage that is calculated on English 12 + 3 academic Grade 12 subjects (some out of province schools may require 4 others)

The actual percentage required to secure a place in the 2015-16 school year varied between low 90's for some programs at UBC to low 60's for some of the smaller schools. Students are advised that entrance standards vary among universities and that these standards are subject to change without notice. Checking these requirements with your chosen institution is essential.

The general requirements for Post Secondary admission includes the following:

English 11	English 12
Social Studies 11	Foundations or Pre-calculus Math 11
Foreign language 11(for some)	a Science 11 (Biology, Chemistry, Physics, Esc)
3 academic Grade 12 subjects	
Science majors will require Pre-Calculus Math 12, Chemistry 11 and Physics 11, plus usually 2 science 12's	
Arts majors should have French 12, and for some programs, Math 12.	

Academic Grade "12" subjects that may be offered at Whistler Secondary:

Math 12	English 12	Literature 12	Geography 12
Chemistry 12	Biology 12	Physics 12	French 12
Writing 12 (<i>accepted at TRU & UNBC</i>)		History 12	Law 12
Comparative Civilization 12 (<i>accepted at UVic, SFU, UNBC & TRU</i>)			Calculus 12

COMMUNITY COLLEGES

From vocational to university transfer, Community Colleges offer many types of programs. Mature students can complete high school or high school equivalency and all students can enter either diploma or certificate programs, ranging in length from 2 months to 2 years. Students can also take 1st and 2nd year University Transfer courses.

Tuition fees at Community Colleges are generally less expensive than at Universities. Some programs are available at all community colleges in B. C. and other programs are only offered at one or more of the colleges.

B.C. INSTITUTE OF TECHNOLOGY

B.C.I.T. offers a variety of two-year technology programs in Business, Engineering and Health as well as 4 year degree granting programs. These programs are only open to graduates who meet the specific prerequisites. Students should consult the B.C.I.T. schedule of prerequisites. As well, B.C.I.T. offers a wide range of Trades Training Programs. They vary in length and some programs only require completion of grade 10. Aircraft Maintenance, Appliance Repair, Cook Training, and Forestry Crew Person are examples of some of the specific programs that are available. For more information consult the B.C.I.T. calendar in the counselling area.

APPRENTICESHIP AND EMPLOYMENT TRAINING PROGRAMS

Apprenticeship and trades training opportunities are available while you are in high school. Consult with Mr. Titus, the Career Program Coordinator, at our school. Visit the Apprenticeship and Employment Training counsellors at their offices in the Lower Mainland. Many trades require further training before you can start working. The apprenticeship programs provide you with the opportunity to acquire these skills in over 175 different types of trades.

SAMPLE MARK AVERAGES REQUIRED TO BE ACCEPTED
AT
POST-SECONDARY INSTITUTIONS

These were the averages a student would need to have, to be accepted into several of the faculties at the three main universities in B.C. in September 2016. The marks are usually calculated on the student's best four academic grade 12 course marks (however there are some exceptions). These averages may change slightly every year and may be different if a student is planning on attending a school in an area other than B.C. They are only meant to be used as a guideline.

UBC

Applied Science	high 80's	Human Kinetics	mid to high 80's
Arts	mid to high 80's	Nursing	high 80's
Commerce	high 80's	Natural Resources	mid to high 70's
Forestry	mid to high 70's	Science	mid 80's to low 90's (Mid 80's would need personal profile)

UVIC

Humanities	low 80's	Engineering	high 80's
Social Science	low 80's	Commerce	low 80's
Science	low 80's	Fine Arts	low 80's

SFU

Arts	mid80's	Computing Science	high 80's
Business Administration	high 80's	Engineering	low 90's
Science	high80's	Kinesiology	mid 80's

UBC-Okanagan

Arts	mid to high 70's
Science	mid to high 70's
Visual Arts	mid to high 70's + portfolio
Nursing	mid to high 80's

**MINIMUM ADMISSION REQUIREMENTS FOR VARIOUS
POST-SECONDARY INSTITUTIONS IN BC**

Each program will have different requirements

UBC

**English 11
Socials 11
F of Math 12
Or Pre Calc 11
Science 11
Language 11**

**English 12
plus 3 of
Biology 12
Chemistry 12
Eng Lit 12
French 12
Geography 12
History 12
F or PC Math 12
Physics 12
Calc 12 and Law 12**

**University Transfer at
Capilano University**

only those grade 11
courses required for
graduation

English 12
plus three others
from UBC's list
of academic 12,s
as well as
**Comparative
Civilizations 12**
and
Law 12
and
Writing 12 (min 60%)

UVIC

same as UBC
**except don't
need language 11
for many of their
programs
-accept F of Math 11**

will also accept
**-Comparative
Civilization 12
-B of Fine Arts
will accept an FA 12
as a 4th grade 12
subject
-Law 12**

**Emily Carr
Institute of Art**

-English 12 (min- C)
-two other provincially
examinable courses

-Visual/studio Arts 12
-one other grade 12 course
-5 grade 12 courses in total

-overall average of C+

-a portfolio of 15 to 20
works

SFU

same as UBC
but will accept
**Beginner's
Language 11
-accept F of math 11**

accept CCN 12

UNBC

only those grade
11 courses
required for
graduation

need **English 12**
plus 3 academic 12's
from UBC's list
-will also accept
**Comparative
Civilization 12**
and
Law 12
and
Writing 12

BCIT**Apprenticeship in
Auto Service
Technician**

Graduation
English 12 (C)

Academic
Math 11 (C+)

-some trades do not
require academic
math 11



Applied Design, Skills, and Technologies

Technology Education 9

ADST-Power Technology (Engineering)

This course is an introduction to the field of Engineering. Students will develop design and drafting skills as they solve various engineering problems. The Grade 9's focus is on Aerodynamics, Hydraulic systems, and combining a variety of simple machines into a single working model. This is a fun, hands on course that fosters creativity, and practical learning of engineering concepts.

Technology Education 9

ADST-Woodwork

This course is an introduction to the fine art of furniture making. Students select from an assortment of projects, and are encouraged to add their own personal touch. A variety of skills are taught, which include design and drafting principles, milling procedures, joinery, wood technology, finishing, and the safe and proper use of woodworking tools, both stationary and hand held. For those students who like to make, this is the course for you.

Graphic Design 9 Level I and Level II

Nature of Course: Level I is a beginner's course, while Level II is 2nd year course. Want to learn how to use many types of software like Photoshop and Illustrator, combined with design skills, to create various forms of media? Take this course! You create posters, collages, magazines, logos, webpages, blogs, videos, and much more. There is a lot of independent work involved in this fun, creative, artsy, graphic design course. Time flies by in this course because you're doing fun and practical work, learning life-long skills. This course does **not** fulfill the **Applied Skill** requirement for Graduation.

Course Offerings: Level I and Level II **Caution:** This is a course which will require lots of work in class, and no homework, so regular attendance is a must.

Computer Programming 9

(Information and Communications Technologies 9)

This is an exciting opportunity for you to learn how **software is made and introduce you to coding**. While **designing and creating robotic systems**, we will discover the ideas necessary to understand how the technology we use every day really works.

Arts Education

Drama –Dance-Film 9

This course is designed to allow students to develop their interests in drama, filmmaking and/or dance. All students will participate in theatre games and acting skills (voice projection, blocking, staging). Students will also choose performance projects based on their area of interest (film, acting or dance). The end goal of this course is a performance at the Maury Young Arts Centre showcasing the work of the performing arts students.

Visual Art 9

Nature of Course: This course offers experience in a variety of visual expression areas: drawing, painting, ceramics and design. Students who wish to continue their Art background will have the opportunity to develop projects with assistance/instruction from the Art teacher. Those with little Art background will have an opportunity to experiment with different media. Emphasis will be placed on imagery, design, and originality. Students are expected to work independently, set their own goals, and be responsible for their production. Students are also expected to be responsible with tools and materials. Students are expected to bring in their own: sketchbook, pencils, rulers, scissors, glue stick, pencil crayons and felts. This course runs as a grade 9/10 level mix.

Home Economics

ADST-Foods Studies 9

In this hand's on, project based course students will learn the fundamentals of baking and cooking as well as studying what a nutritionally balanced diet is. We will study current nutritional/food issues and we will focus on what students are interested in learning more about as current issues in the world of food are always changing. Students will practice varied recipes that will call upon their skill in the kitchen. The class will enjoy working in cooking teams as they work together to create nutritious and tasty dishes; additionally, they will have an opportunity to become FoodSafe level 1 certified in this course.

ADST-Textiles 9

In this course students will expand on the basic textiles skills introduced in grade 8. New skills introduced in this course include utilizing patterns, altering patterns, creating wearable garments utilizing advanced techniques, design basics and upcycling. The role of textiles in Frist Peoples culture will be a component in the course and the focus of a project. Students will have a range of projects to choose from after the required project coursework is completed including knitting, crocheting, quilting, cross stitching, weaving, and paper crafts. Basic materials for this course will be provided, however, if students wish to make a major project or garment to take home they will need to provide the necessary materials.

Français langue seconde - immersion

French Immersion Requirements 9

Français Langue 9

This course aims to develop within each student the ability to conduct critical assessment and react to various forms of media and the various technical formats employed by media. It will also help students to gain an appreciation for Francophone culture from a Canadian and International perspective. The course also aims to develop within the student a capacity to plan and manage communication based projects in cooperative and/or individual based settings.

Sciences 9.

This course gives students the opportunity to explore a variety of themes relevant to today's rapidly changing world including simple circuits, cellular reproduction, environmental sciences, and introductory chemistry. With a focus on portfolio based assessment, students will be able to demonstrate their learning in a multitude of ways that allow them to develop and expand on their scientific competencies and abilities. Portfolios can include quizzes, projects, research, journal entries, labs, etc. With instruction and learning taking place in French, students will continue to develop their language skills while developing a passion and interest in the sciences.

Sciences Humaines 9

Students will use a variety of competencies to explore themes including: conflict, human and environmental factors that shape changes to population, exploration, expansion and colonization, as well as the impact of change. These themes will apply to the 7th century to 1750. Students will assess and determine significance of events, they will explore cause and consequence and consider multiple perspectives.

Core French

Core French 9

Students enrolled in grade 9 Core French will have a number of opportunities to pursue their developing awareness of the language as well as gain an appreciation for Francophone culture. Students will implement strategies to enhance learning, communicative experiences will be acquired through a variety of project based experiences. Oral presentations, movie and book reviews and skits are examples of the types of formats utilized in order to study the linguistic elements.

English Language Arts

English 9

This course covers most areas of English study: creative writing, essay writing, novel study, short story study, drama study and media analysis. Students will work on improving their grammar and writing techniques, as well as, create meaningful projects and collaborate in group activities. Students will create presentations and engage in thoughtful discussion.

Physical and Health Education

Physical and Health Education (PHE) 9

Curriculum in both grades covers a wide range of games (target, net/wall, striking and fielding, and territorial), gymnastics/tumbling, swimming, wrestling, Track and Field, various modes of 'health and fitness' and dance. Outdoor Adventurous activities include biking, orienteering and snowshoeing.

In Grade 9 there is a weight training course at Meadow Park Sports Centre and a Sailing course with Whistler Sailing Association. In Grade 10 students practice designing and completing their own program (using the squash, ice skating, swimming and fitness training facilities independently) at Meadow Park Sports Centre. There is also a Grade 10 canoeing course. Throughout PHE 9/10 there is a focus upon play and enjoyment and working towards achieving the *big idea* which is that each student is able to forge a positive relationship with movement: their own 'style' or 'way' of being active. Students journal reflectively during courses to expand their understanding of health concepts such as 'nutrition,' 'exercise' and 'lifestyle'.

Human Performance Gr. 9

The emphasis in this course is on being happy and being physically active.

Human Performance is about designing an inspirational program of activities together as a team.

In Human Performance you will get the chance to:

Play games that help you improve your understanding and ability to play different sports.

Experience different training methods for sport, health and well-being.

Design your own exercise program

Use Meadow Park Sports Centre for weight training, squash, swimming and ice -skating

Design, play and lead activities.

Listen to guest speakers presentations (local athletes / trainers / coaches).

Science

Science 9: new curriculum

Prerequisite: Science 8

Nature of the course: Science 9 covers a wide range of topics in the different fields of Biology, Chemistry, Physics and Ecology. Science 9 is an important introduction to these areas of study, as Science 10 will build on the knowledge gained in Science 9.

Science 9 is an academic course and will include the following topics: Cells (Biology), Atoms (Chemistry), Electrical Circuits (Physics) and Cycling of Matter and Energy (Ecology). The material will be learned through the use of lectures, labs and projects.

Students will be expected to do some homework each day.

Social Studies

Socials 9

The topics covered are: the emerging ideas and ideologies profoundly influencing societies and events, the physical environment that influences the nature of political, social and economic change, disparities in power that alter the balance of relationships between individuals and between societies, and the collect identity that is constructed and can change over time. This course is project based.

Math

Math 9

There is only one math course for students in grade 9. In this course, students explore operations with rational numbers, exponents and their laws, operations with polynomials of up to and including the second degree, two-variable linear relations, multi-step one variable linear equations, spatial proportional reasoning, statistics and financial literacy.

Academies

Hockey Academy 9(could happen in either or both semesters, 4 credits)

Application and extra fees apply. The Hockey Academy is a Program of Choice that is integrated into the student's current school timetable.

A specialist teacher along with professional on ice and off ice instructors work closely with students providing on ice bio-mechanic (technical) instruction, sport specific off ice conditioning, tactical game play, leadership and personal/social responsibility.

Open to all levels and abilities.

Soccer Academy

Application and extra fees apply. The Soccer Academy is a Program of Choice that is integrated into the student's current school timetable. A specialist teacher and professionally licensed coaches work closely with students to provide a holistic learning experience. In addition to a balance of sport-specific training and conditioning, the content covers nutrition, sports psychology, tactical awareness, leadership and social responsibility. As a student in Soccer Academy, you will be expected to take ownership of your personal development, while fitting into a unique team of peers.