

Samuel Robertson Technical Secondary School



COURSE SELECTION BOOK
2018-2019

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Welcome to Samuel Robertson Technical Secondary School!

We are excited that you are looking to pursue your high school education at SRT and we have a great network of teachers, educational assistants, counsellors, and administrators to help support you and your educational journey!

SRT opened in September 2006. Currently we have almost 750 students in Grades 8-12 attending our school plus approximately 60 students for Apprenticeship Programs. We offer a wide variety of courses, opportunities and extra-curricular activities to enhance your high school experience!

Please feel free to stop by to talk to or meet with your grade level administrator or counsellor to explore all the course options available to you.

2018/19 Grade Level Administrators:

Grades 8 & 10: Mr. Elphick

Grades 9 & 11: Mr. Kater

Grade 12: Mr. Dickson

2018/19 Grade Level Counsellors:

Grades 8 & 10 & 12 : Ms. Lunoch

Grades 9 & 11: Ms. Sharpe

Grade 12 Academic Advisor: Mr. Wiens

Career Advisor: Mr. Wiens



Making Choices

When we select courses for high school or post-secondary, we make our selections for a number of reasons. Some of them might be: grad requirement, post-secondary requirement, fun/enjoyable, new challenge/discovery, friends in the course, easy credit, or no other choice. In considering any course, we must reach beyond these simplistic reasons and evaluate the benefits of the course in larger and longer terms. How can we do this?

Sit down with your parents and discuss your career/educational goals. Do you know what your career goals are? Have you done any exploration to help you understand the education and skills required to reach your career goal? If you don't have a career goal, how can you best exercise your options so as to ensure that you will be able to have a wide variety of choices when you graduate? Are you aware of your interests, skills, learning styles and values? These will impact any decision you make.

Before selecting any course you need to do some research on the course. No single source will be sufficient. In order to avoid surprises and disappointment you must check multiple sources! You can find out about the course from the:

- Course Planning Booklet
- Course outline on the school/teacher website
- Ministry of Education website
- Teachers of the course
- Students who have taken the course

Ask yourself the following questions when deciding what courses to select:

- Do I need this course for graduation?
- Do I need this course for post-secondary education?
- What skills will I learn? (life/practical skills)
- How will these skills help me as: a person, an employee, a member of society?
- Will it help me get my first job?
- Does it enhance my resume?
- Does it help me apply for scholarships and bursaries?
- Does this course have career potential for me?
- What are the learning outcomes?
- What is the course content?
- How will the content be delivered?
- What is the method(s) of evaluation?
- What are the teacher expectations?
- Who is teaching the course?

Make an informed choice first! If you rely on the school to make choices for you, you are likely to be disappointed!

Graduation Requirements

The B.C. Certificate of Graduation or "Dogwood Diploma" is awarded to students who successfully complete the provincial graduation requirements. If you are entering Grade 10 or 11 in 2017/18 or later you are on the 2018 Graduation Program. To graduate, you will require 80 credits total – with a minimum of 16 at the Grade 12 level, and 28 elective course credits. 52 credits are required from the following:

- Two Career Education courses (8 credits total)
- Physical and Health Education 10 (4 credits)
- Science 10 (4 credits), and a Science 11 or 12 (4 credits)
- Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits)
- A Math 10 (4 credits), and a Math 11 or 12 (4 credits)
- A Language Arts 10, 11 & 12 (12 credits)
- An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits)

In addition, students on the 2018 Graduation Program must also complete the two new Graduation Assessments: Students will have two opportunities to rewrite during their graduation years should they wish to increase their proficiency. Results will appear on Student Transcripts and their best outcome will be recorded on their final transcript.

- **Numeracy Assessment**

The Numeracy Assessment will be introduced in 2018 and SRT will be recommending that students in Grade 10 and 11 participate. Unlike the retired Mathematics 10 Provincial Exams, the Numeracy Assessment is not tied to a specific math course. Rather, it evaluates a student's numeracy skills developed over the course of their education. Results will be reported using a four category proficiency scale and will appear on a student's transcript as a number, representing one of the four categories (emerging-developing-proficient-extending).

- **Literacy Assessment**

The Literacy Assessment will be introduced in January 2020 (students graduating in the 2018/19 school year will take a Language Arts 12 course and associated provincial exam to satisfy this graduation requirement for the 2018 Graduation Program).

NOTE: Students on the 2018 Graduation Program will be able to meet the career education graduation requirement with any of the following combinations:

- Planning 10/Grad Transitions
- Planning 10/Career Life Connections + Capstone
- Career Life Education/Grad Transitions
- Career Life Ed./ Career Life Connections + Capstone

For 2018/19, the following career education courses will be used in all BC schools:

- Career Life Education
- Graduation Transitions

For 2019/20 and beyond, the following career education courses will be used in all BC schools:

- Career Life Education
- Career Life Connections + Capstone

NOTE: The Social Studies 11/12 graduation requirement for students on the 2018 Graduation Program is flexible; any of the current Ministry Social Studies 11 or 12 courses will meet the requirement.

- Social Studies 11/Criminology 11
- Comparative Civilizations 12
- Geography 12
- History 12
- Law 12
- Social Justice 12

And any of the new Ministry Social Studies 11 or 12 courses (i.e., those that will be used in all BC schools in 2019/20) will also meet the requirement:

- Explorations in Social Studies 11
- 20th Century World History 12
- Asian Studies 12
- B.C. First Peoples 12

Graduation

Students must complete a **MINIMUM** of 80 Credits to Graduate

Grade 10	Grade 11	Grade 12
1. English 10	1. English 11	1. English 12
2. Socials 10	2. Socials 11/12	2. Grad Transitions
3. Math 10	3. Math 11	3. _____
4. Science 10	4. Science 11	4. _____
5. PE 10	5. _____	5. _____
6. Fine Arts/ Applied Skills	6. _____	6. _____
7. _____	7. _____	7. _____
8. Career Life Education (taken in Gr 10 or 11)	8. Career Life Education (taken in Gr 10 or 11)	8. _____



Career Centre

The Career Centre provides students with a variety of services including: career exploration and testing, community volunteer opportunities, work experience placements, post-secondary exploration including planning and applying, helping with scholarship & bursary applications, assistance with employment including job seeking, and resume and cover letter writing.

Work Experience 12

SRT programs prepare and provide opportunities for students to develop skills essential for the workplace. Students in Work Experience/Career Prep Programs are evaluated on a large number of employability characteristics: appearance, attitude, organization, competence, confidence, conscientiousness, co-operation, dependability, friendliness, quality of work, reliability and responsibility.

1. Work Experience Programs (WEx): Work Experience provides an opportunity for students to explore potential career areas. Gr 12 students can take Work Experience as part of their graduation program. Students must complete 90 hours of work experience in a paid and/or volunteer position to earn the 4 credit Work Experience course. We also assist students in finding placements and keep a record of their participation. SRT students have been placed with employers such as Ridge Meadows Hospital, Ridge Meadows Home Show, RCMP Youth Academy, Maple Ridge Fire Department, Vancouver Aquarium, Science World and countless local businesses. Work Experience can take place during school, after school, weekends and holidays.

2. Career Preparation Programs (CP): Once students are enrolled in the Work Experience course they are eligible for a Career Prep Program. A CP Program is a great way to integrate a student's school program with a career placement. Students are given a Certificate of Completion which is presented at the graduation ceremony. Students must complete 100 hours of field related work experience and 3 senior grade 11 & 12 courses in one of these focus areas:

- Business & Applied Business
- Liberal Arts & Humanities
- Fine Arts, Design & Media
- Science & Applied Science
- Fitness & Recreation
- Tourism, Hospitality & Foods
- Health & Human Services
- Trades & Technology

Grad Transitions 12

All students are required to accumulate a minimum of 30 hours of work experience (volunteer or paid), to meet the requirements of Grad Transitions 12. Ideally, students would use this towards exploring their career options, which will also assist them in making decisions for their post-secondary plans.

Secondary School Apprenticeship (SSA 11 -12)

Secondary School Apprenticeships allow students who are employed in apprentice able occupations with a registered employer to earn up to 16 credits towards graduation. Students will be registered with the Industry Training Authority (ITA) and upon completion of each 120 hours of paid employment students will receive 4 credits towards graduation (to a max of 16 credits) and be recorded by the ITA and count towards their apprenticeship. A \$1000 scholarship is available to students who complete the program with a C+ average and 900 hours.

Grade 8 Program

This program is designed to better meet the academic, social and emotional needs of adolescents transitioning from elementary to secondary school. Students' core curriculum will be taught by a team of 2-4 teachers (English, Socials, Science, and Math). The courses will run over the whole year. PE/French will be on a day 1/day 2 system. In our EnCore courses (Explorations) students will be combined with students from other teams and will be on a rotating basis.

English 8/Social Studies 8

English 8 introduces various reading and comprehension strategies, a self-directed reading program, experimentation with and knowledge of various types of communication, the development of conventional language skills, and exposure to a variety of literary genres, such as drama, short story, novel and poetry. Social Studies 8 surveys world civilizations with a focus on Europe from 700 CE to 1750. It also covers the New World civilizations of the Aztecs, Mayans, and Incas. Geographic skills are reinforced and expanded by application to the various content areas.

Math 8 & Math 8 Honours/ Science 8

This course expands on the foundations of mathematics including the concepts of number, patterns, shape, and probability and statistics. Technology is integrated throughout the course so students are encouraged to bring a device to access online resources. Students have the option to gain credit for Math 8 Honours by completing enrichment honours assignments and projects and participating in the Canadian Mathematics Competition. Science 8 involves investigations in Biology, Chemistry, Physics, and Earth Science. It provides an introduction to the scientific method, safety, and laboratory investigations.

PE 8

Physical Education 8 will include an introduction and exposure to a selection of activities from each of five movement categories: alternative environment, dance, games, gymnastics and individual/dual activities. All instruction will be focused on fostering an appreciation for physical, social, and mental well being through a diversified program of activities.

Languages 8 (French/Spanish)

The Languages Department is both proud and excited to be offering our Grade 8 students a Language rotation. Students will have the opportunity to learn and discover both French and Spanish language and culture. Students will take half the year of basic Spanish and the other half will cover the French 8 curriculum. Our goal is to provide our students the opportunity to engage and embrace learning a second language. Students will then have the choice to take Spanish 9, French 9 or both the following year.

EnCore 8—Block 1 on Day 1

Students are to choose one of the 3 options offered on Day 1, Block 1. These courses will stress hands-on participation. Safety is emphasized and life-long learning patterns fostered.

Option 1 : Year-round Metal/Wood*

Option 2: Year-round Cafeteria Training**

Option 3: Elective Rotation - Sewing, Drama, Drafting, Computers and Art. Each component will last approximately 6 weeks.

***Woodwork/Metal Work 8** : Students coming into grade 8 at SRT have the option of a year long course in Woodwork and Metal Work. Approximately half the year will be spent on Woodwork and the other half on Metal Work. Grade 8's will be introduced to some basic hand and machine tool operations to complete a variety of exciting projects. This year long course is ideal for the students who are wishing to take further Tech-Ed courses in their grade 9 year.

****Chef/Caf Training** grade 8 is offered as a year-round Applied Skill elective option. During the course of the grade 8 year students will be introduced to basic cooking & baking techniques, proper use & care of a chef's knife & other kitchen equipment. Students will complete Food Safe Level 1 and receive a certificate essential for employment in the cooking industry. Daily activities will revolve around production of food for the cafeteria and "Free Food" when serving lunch. Come in and talk to Chef if you have any questions!

EnCore 8—Block 4 on Day 2

Students will rotate through six different electives: Photography, Foods, Metal, Wood, Music, and Titan-Up. The content for the Titan-Up Rotation includes: socio-emotional literacy, social media, personal and social responsibility, health choices, how to stay afloat academically, and what it means to be a Titan!

Sample Grade 8 Schedule

Day 1 Block 1	Day 1 Block 2	Day 1 Block 3	Day 1 Block 4	Day 2 Block 1	Day 2 Block 2	Day 3 Block 3	Day 4 Block 4
Choose either: Option 1, Option 2 or Option 3	PE or Languages 8 (French/ Spanish)	CORE Humanities (Eng/ SS)	CORE (Science/ Math)	CORE Humanities (Eng/ SS)	CORE (Science/ Math)	PE or Languages 8 (French/ Spanish)	Rotation through 6 different electives.



English

English 9

Students will work with more mature subject matter and themes, and will demonstrate growth in various areas. Increased focus will be given to formal written expression in paragraph and essay forms, and oral expression including presentations and poetry. Content may include play study and storytelling, short stories, literature circles, creative writing, and the use of technology.

English 10

English 10 will consist of **2 combined courses which are two credits each**. Both of these courses will be blended, taught, and graded by the same teacher. *This year students will select one of three options for English 10.*

****All students in all sections will continue to cover traditional essay and paragraph writing, creative writing, poetry, and reading various types of literature, but will have two additional areas of focus either by term, or inclusive throughout the year.**

English 10: New Media (2 credits) and Spoken Language (2 credits)

English 10: New Media (2 credits) and Focused Literary Studies (2 credits)

English 10: Spoken Language (2 credits) and Focused Literary Studies (2 credits)

Focused Literary Studies: is designed for students interested in literature in general and will allow students greater depth in exploring writing from a variety of sources. Studies may include plays, Canadian Lit, novels, poems, short stories, and more. Classes may also focus on a particular author, theme, or time period of study.

New Media: is designed to reflect the changing role of technology in today's society by recognizing the importance of digital media in communicating and exchanging ideas. Possible areas of study will include media and film studies (globalization of the media industry, influence, perceptions, and documentaries), journalism and publishing, poetry and song lyrics, and digital communication (blogs, web writing, podcasts etc).

Spoken Language: spoken skills are increasingly necessary in everyday, educational, and professional contexts. Areas of study may include the creation and use of language to produce original pieces in a variety of modes, explore performance and public speaking, and study the use of spoken word performed throughout the world (ex. Spoken word, slam poetry, storytelling, radio/podcasts etc). All students will be expected to participate actively in speaking aloud.

English 11

Students will continue to explore literature and writing at a more complex level. A wide variety of literature will be used including poems, short stories, plays, novels, literature circles, and presentations using a variety of media. Students will move beyond the traditional essay and demonstrate control of language. Some elements of study may also include exploration of New Media and influences in today's world, as well as Spoken Language.

English 12

Students will continue to analyze, interpret, critique and respond to complex and varied pieces of literature and other media including novels, short stories, poetry, and plays. Emphasis will be placed on literary techniques and stylistic devices. Students will be expected to demonstrate excellence in academic writing, as well as demonstrate their competency in oral and audio-visual formats. Three different styles of essays as well as formal paragraph writing will be required each term. 40% Provincial Exam Course

Communications 12

Students who do not plan to pursue academic studies may consider this course as an alternative to English 12. Students will strengthen basic skills in comprehending and producing language in spoken, written, visual and audio-visual forms. Emphasis will be placed on using language appropriate to the situation, audience, and purpose in their day-to-day lives and in the workplace. **Potential Students will need Parent and Teacher Approval.** 40% Provincial Exam Course

Social Studies

Socials Studies 9

European history is surveyed from the 18th to the 19th centuries with a focus on the French and Industrial Revolutions. North American history focuses on the foundation of the United States and Canadian history 1800 to 1918. This course will examine power structures, revolution and the development of the modern political system.

Social Studies 10

This course focuses on the role of Canada following WWI, the Depression, WWII, and the post-war development of Canadian culture, politics and identity. These include the rise and decline of separatism in Quebec, the Cold War, and Canada's continuing development as an independent multi-cultural nation. The course covers Canada's system of government at the federal, provincial, and municipal levels.

Comparative Civilizations 12

Comparative Civilizations offers a sample study of a variety of civilizations focusing primarily on ancient history. It is said that many aspects of historical and cultural influences are revealed within their past. The roots of religion, mythology, government, philosophy, art, architecture, and theatre are revealed within course studies. Included in this study is the importance of understanding other cultural traditions and their influence on North America. A wide variety of opportunities for studying ancient civilizations are provided including class discussions, videos, research, ethical and philosophical debates. A few areas of study include: Prehistoric societies, Ancient Egypt, Greece, Medieval Europe....

Criminology 11/12

Criminology is the study of crime, the explanation of why crime occurs and the examination of crime reduction. Through readings, guest speakers, film, video and class discussions, students will examine the interactions between law and society, law and crime, law and the criminal justice system, and the criminal justice system and society. Criminology combines elements of both Law and Psychology. It differs from Law 12 in that Criminology is not interested in knowing the law; rather it focuses on the dynamics behind the crime and the laws put into place to deal with crime.

Psychology 11

A senior-level, academic course designed to introduce students to the field of psychology and ideally promote its further study at the post-secondary level. Studying psychology will quickly begin to change the way you perceive yourself and those around you, and enhance your understanding and insight into how we think, act and express ourselves. Topics covered will include such things as: parts of the brain and how they function, personality tests and theories, developmental psychology (from infancy to adolescence), psychological disorders, forensic/criminal psychology, sleep and dreams, stress, social psychology, group interaction and more. Psychology 11 is an interactive class that involves reading, watching films, and group discussion. This course will occasionally have field trips and guest speakers.

Social Justice 12

The aim of Social Justice is to raise students' awareness of social injustice through history all the way to the present day. A sampling of topics of study: Genocide, LGBTQ, Child Soldiers, Women's rights, Aboriginal rights (Residential Schools), Refugees and Environmental rights. Students will have opportunities to examine their own beliefs and values, as well as supporting or challenging their beliefs and values through reflection, discussion, and critical analysis. This course builds on students' sense of justice, motivating them to think and act ethically, and empowering them to realize their capacity to positively effect change in the world.

History 12

This course covers world history from the end of World War I to the breakup of the Soviet Union. Some important topics include the aftermath of World War I, the events surrounding World War II, and the Cold War between the U.S. and the U.S.S.R. It also focuses on decolonization and Middle Eastern history.

Law 12

In Law 12, we particularly focus on criminal law, including trial procedures, policing in Canada, and the Youth Criminal Justice Act. We also study the history of law and the rights and freedoms of Canadians. Throughout each unit we examine current events, interesting legal cases and may view some films that relate to the legal concepts we study. The course includes a possible field study to the Vancouver Law Courts to observe what really happens

Sciences

Science 9

Science 9 involves continued investigations in Biology, Chemistry, and Physics. Laboratory investigations are a component of this course.

Science 10

Science 10 prepares students for the senior sciences. Topics of study include Biology, Chemistry, Physics, and Earth Science. Laboratory investigations are a component of this course.

Biology 11 - Life Sciences

Are you curious about the living world around you? Do you love puppies? Roses? Probiotic yogurt? Through a series of lab-based activities, students will investigate the evolutionary history of living things, delving deeper into the nature of bacteria and viruses, plants and fungi, and members of the animal kingdom.

Biology 12 - Anatomy & Physiology

Are you curious about how the human body works? Anatomy & Physiology examines the human body from the level of the individual cell, up to complex organ systems. Physiology examines topics including DNA and enzyme function. Anatomy focuses on the digestive, cardiovascular, lymphatic, respiratory, urinary, nervous, and reproductive systems.

Prerequisite - Biology 11** Recommended: Chemistry 11 ** Priority given to students with Biology 11 in the event the course is full.

Chemistry 11

This course focuses on the concept of equilibrium and reactions occurring in forward and reverse directions. Topics include: reaction kinetics to make a reaction bigger and better, equilibrium balance of chemical reactions, solubility, how acids and bases react in our world, and the electrochemistry of oxidation and reduction.

Chemistry 12

Enter a world that describes the batteries that power your laptop and cell phones, the equilibrium balance of chemical reactions, how acids and bases react in our world, and how to speed up a reaction to make it bigger and better. Prerequisite - Chemistry 11

Physics 11

This hands-on course is an introduction to the physical world of every-day lives. Topics include waves (earthquake, sound, light), motion (speed, acceleration), forces (gravity, friction), momentum (collisions), energy and power. Special relativity (time travel) and nuclear (fission and fusion) are also introduced. Projects include bottle rockets and the egg drop. Field trips include Castle Fun Park and Playland.

Physics 12

This lab focused course is a two dimensional continuation of kinematics, dynamics, momentum, work, energy and power from Physics 11. New material includes electricity and magnetism in three dimensions, torque, and centripetal motion. Field trips include Boeing and Stave Falls Powerhouse. Pre-requisite: Physics 11

Earth Science 11

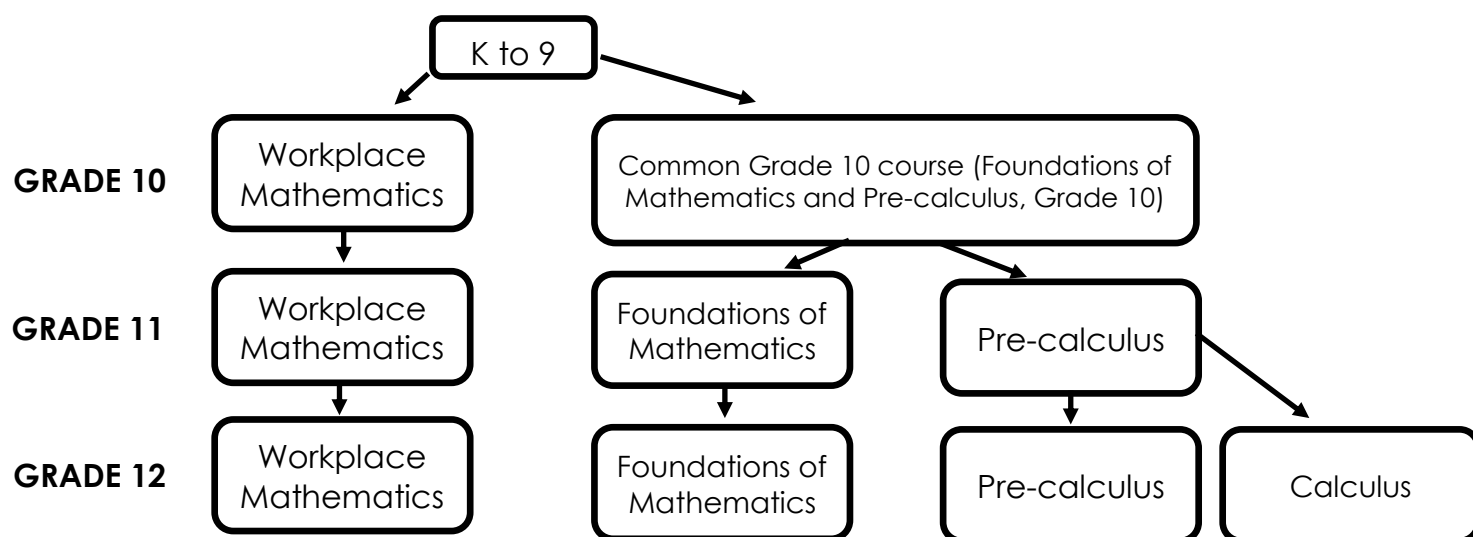
This lab focused course includes the following topics: earth's environment, resources, weathering, erosion, volcanoes, earthquakes, plate tectonics, geologic time, fossils, earth's history, oceanography, meteorology, ocean currents, and astronomy.

Science & Technology 11

This course deals with the effect of technology on you and the world. Science and Technology 11 enables students to fulfill their Grade 11 Science graduation requirement. Students will gain experience through real-life applications and activities. Some possible topics include: agriculture, household chemistry, forensics, health, personal and home technologies, environment, computer use, building, outer space and transportation.

Mathematics

Mathematics is a core program for graduation and is required at every grade up to and including grade 11. All courses and streams are designed to improve students' numeracy, reasoning, problem solving, as well as to provide prerequisite attitudes, knowledge, skills and understandings for specific post-secondary programs or direct entry into the work force.



Math 9 and Math 9 Honours

This course expands on mathematical concepts covered in Grade 8 by introducing polynomials, exponent laws, linear equations and relations, and financial literacy. Technology is integrated throughout the course so students are encouraged to bring a device to access online resources. Students have the option to gain credit for Math 9 Honours by completing enrichment honours assignments and projects and participating in the Canadian Mathematics Competition.

Workplace Mathematics 10

This course allows students to continue working on the fundamentals of mathematics while exploring proportion, trigonometry, models, graphs, geometry, and data and statistics. This course is intended for those students who are planning direct entry into the workforce or some apprenticeship programmes after graduation, and directly prepares students for Workplace 11. Check the entrance requirements for the programme of study you are planning to take.

Foundations of Mathematics and Pre-Calculus 10

This is a theory based course with many algebraic topics including expressions, powers, polynomials, equations, relations, trigonometry and data analysis. This course prepares students for either Foundations 11 or Pre-Calculus 11, which are university and college prerequisites. Recommended prerequisite is a "C" or better in Math 9.

Workplace Mathematics 11

This applied mathematics course meets the requirement for graduation. Topics include proportion, shape and space, statistics and financial literacy. This course is intended for those students who are planning direct entry into the workforce and some post secondary programmes. Check the entrance requirements for the programme of study you are planning to take. Prerequisite is Workplace Math 10.

Foundations of Mathematics 11

This course meets the mathematics requirement for graduation. It is designed to provide students with mathematical understandings and critical thinking skills identified for post-secondary studies that do not require the study of theoretical calculus. Topics include trigonometry, quadratic functions and systems, probability, statistics, and financial literacy. Check the entrance requirements for the programme of study you are planning to take. Recommended prerequisite is a "C" or better in Foundations and Pre-Calculus Math 10.

Pre-Calculus 11

This course meets the mathematics requirement for graduation. This course is designed for students who require a strong mathematical background for future studies in the fields of science, engineering, computer studies, and economics. Topics include trigonometry, polynomial and exponential functions, radicals, powers, and quadratic functions and equations. Check the entrance requirements for the programme of study you are planning to take. Recommended prerequisite is a "C+" or better in Foundations and Pre-Calculus Math 10.

Foundations of Mathematics 12

This course builds on the concepts taught in Foundations of Mathematics 11. It is designed to provide students with the deeper mathematical understandings and skills identified for post-secondary studies that do not require the study of theoretical calculus (such as the social sciences). Topics include polynomials, exponential and logarithmic functions, trigonometry, regression, combinatorics, and probability. Check the entrance requirements for the programme of study you are planning to take. Recommended prerequisite is a "C" or higher in Foundations Math 11 or Pre-Calculus 11.

Pre-Calculus 12

This course is designed to provide students with the deeper mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include transformations, polynomial and rational functions, conic sections, exponential and logarithmic functions, trigonometry, and sequences and series. Recommended prerequisite is a "C+" or higher in Pre-Calculus 11.

Calculus 12

This course is intended for students who plan on taking a Calculus course in college or university. The goal of this course is to expose students to first year level calculus topics, such as limits, derivatives, applications of the derivative, integrals, and applications of integrals. Although the topics are traditionally college or university level, Calculus 12 is a grade 12 provincial curriculum math credit that does not replace Pre-Calculus 12. This course is also used as an Independent Directed Study or IDS course, where students have the option to show their understanding of Calculus by working with the teacher to design their own 1 – 3 credit course. Recommended prerequisite is a "B" in Pre-Calculus 11.

Languages

French 9

This is a course still primarily focused on the acquisition of French language skills. Students will continue to develop and improve their vocabulary and grammar which will enable them to engage in authentic French dialogues. This course is project based with many student centered activities. Participation is the key to success in this course. The thematic units in French 9 are: Free time, At home, In the City, Vacation.

Prerequisite - successful completion of French 8 with "S" work habit

French 10

This is an intermediate Language course designed to fine tune and expand students' ability to communicate in French. They will learn more sophisticated vocabulary and grammar to further develop their skills. Similarly to previous French courses, French 10 is project based with many student centered activities. Participation is the key to success in this course. The thematic units in French 10 are: Family & Friends, Celebrations, Daily Routine.

Prerequisite - successful completion of French 9 with "S" work habit

French 11

This is a course which will enrich both the functional and cultural aspects of the students' learning experience. Students will engage in spontaneous French conversations which explore a variety of topics. This course predominantly focuses on collaborative assignments. Therefore attendance and active participation are the key to success in this course. The thematic units in French 11 are: Back to School, Workplace, Health & Fitness.

Prerequisite - successful completion of French 10 with "S" work habit

French 12

This is a senior level language course. Students will be given the opportunity to choose the topics they wish to explore relative to French culture and language. This course is not only student centered but rather student guided where their experience is more of a language learning lab and the teacher is a facilitator. Access to a computer with internet will be integral for success.

Prerequisite - successful completion of French 11 with "G" work habit

Spanish 9

This course is an introduction to Spanish for students in grades 9 and 10 who wish to pursue a second language. The emphasis will be on language acquisition through reading, writing, listening and speaking. Students will be immersed in Spanish culture from around the world and learn about friends, school, food and pastimes/hobbies.

Prerequisite: Languages 8 with "S" work habit



Spanish 10

This course is an intermediate language course and a continuation from Spanish 9. Students will continue to develop and improve language acquisition through reading, writing, listening and speaking. This project based course will continue to immerse students in Spanish culture from around the world and learn about family, home, fashion, travel, and media.

Pre – requisite: Spanish 9 with “S” work habit

Spanish 11

Through the appreciation of Spanish culture, students will learn more about the traditions and backgrounds of all Spanish speaking countries. More emphasis will be placed on Language acquisition through speaking and writing. Themes include: school, celebrations, community and the past. Students will also work collaboratively on a culminating project to demonstrate their previously acquired language skills or for those students who are interested in continuing onto Spanish 12. Plan for a Spanish Immersion experience.

Pre – requisite: Spanish 10 or Intro-Spanish 11

Spanish 12

This is a senior level language course. Students will interact in spontaneous and meaningful real-life situations using more complex vocabulary and grammar. Activities will include a self-directed analysis and discussion of Spanish culture culminating in an interactive group inquiry project, or immersion experience in a Spanish speaking community abroad. The teacher will act as a facilitator and guide students towards the completion of the project.

Support Services

Student Learning Support Department

The Student Learning Support Department strives to meet our students' academic, social, emotional and physical needs recognizing that students learn in different ways, at different rates and require various supports for success.

Students who have been identified with a ministry designation are assigned a case manager. These students will be supported by student learning support staff in the regular classroom and/or in the learning support classroom as needed. These students will be working towards the goals of their Individual Education Plan (I.E.P.).

Learning Support Block Process:

Our goal is to empower students with self-awareness, perseverance, academic and technical skills and confidence to be successful learners both at SRT and in the future. To register in a learning support block, a student needs to be recommended by the Student Learning Support Department. If a student feels they need a learning support block, they must speak with their grade counselor. Their counselor will forward their name to the department for consideration. If a student currently has a support block or case manager, they must speak with them and get approval.

Physical Education

PE 9 —Mandatory—Recreation or Competitive

Physical Education 9 will include exposure to a wide variety of team, partner and individual activities with emphasis on basic skill development, fitness and sportsmanship. Students will also participate in active health labs. The students will participate in some off-campus activities as an introduction to community based recreation opportunities. Students can choose recreational or competitive PE.

PE 10 —Mandatory—Recreation or Competitive

Instructional emphasis will be placed on the development of the students' leadership skills and abilities. Students will be taught more advanced skills and strategies and be given the opportunity to maintain and improve their fitness levels. There will be more off-campus activities offered, as exposure to "sport for life" will be emphasized. Students can choose recreational or competitive PE.

Advanced Basketball 10 (open to students in grades 9-12 - scheduled during the day)

This course will develop students' individual sport skills, physical strength and conditioning, health and nutritional knowledge, coaching team building and leadership skills, goal setting and organizational skills within a basketball setting. Classes throughout the year will include basketball specific skill instruction, theory sessions, strength and conditioning workouts and officiating training.

Leadership 10-12 (Athletic Leadership - will run outside the timetable)

Athletic Leadership 10 is open to students in grades 9-12 who are interested in developing their leadership skills within the context of athletics and intramurals at SRT. This course will provide background theory in leadership styles while providing relevant practical experience for student leaders who want to be part of the athletics/recreation culture here at SRT. Students will learn to work on their own and in group settings. They will be the key members of a student driven athletics culture at SRT for years to come.

PE 11/12 Girls Class

The Senior P.E. curriculum allows students to pursue a variety of community based activities. This course offers students the chance to participate in a wide variety of physical and leisure activities offered in an enjoyable recreational based atmosphere. Many activities take place off campus, utilizing the recreational facilities that we have in our community i.e. curling, bowling and gymnastics. Students will also be provided with the opportunity to experience some of the outdoor physical pursuits that can be found in the Lower Mainland - Windsurfing, Paddle Boarding, Hiking etc. Some extracurricular service work is also required through volunteer services in the school/community.

PE 11/12 Boys Class

The Senior P.E. curriculum allows students to pursue a variety of community based activities. This course offers students the chance to participate in a wide variety of physical and leisure activities offered in an enjoyable recreational based atmosphere. Many activities take place off campus, utilizing the recreational facilities that we have in our community i.e. curling, bowling and gymnastics. Students will also be provided with the opportunity to experience some of the outdoor physical pursuits that can be found in the Lower Mainland -

Windsurfing, Paddle Boarding, Hiking etc. Some extracurricular service work is also required through volunteer services in the school/community.

Strength and Conditioning 11/12 (General)

This course is for the students who want to take a higher level fitness course that focuses on the individual Principles of Training. The goal of this course is for students to acquire the knowledge necessary to train safely using proper techniques and principles to improve strength, flexibility, and stamina. Students must have completed PE 10 with a minimum B average and have permission from the instructor to enroll in this course.

Superfit 11 and Superfit 12

This course is available to students in grades 11 and 12 and is designed to provide students with the knowledge to develop and execute a physical fitness program that will enhance physical fitness levels, health and body image. The knowledge and participation in various physical activities will assist in the development of a lifelong appreciation of the benefits of physical activity. Students learn about several methods of physical activity including: cardiovascular & weight training, interval circuit and cross-training, as well as classes such as yoga, Pilates, aerobics and dance. They will be able to develop their own fitness program that is tailored to their goals regarding fitness and nutrition. During this course, students will develop relations with a community network of fitness providers and go on a number of field trips including: the Grouse Grind, windsurfing, paddle-boarding and ropes course.

Hockey Academy

A typical week for Academy players includes:

- 2 hours on ice, skill based instruction
- 1 hour off ice conditioning/events or class room sessions—Theory instruction provides players with skill breakdowns, progressions, practice planning, proper nutritional strategies for high-level performance and motivation and goal setting.

Electives

Fine Arts & Applied Skills Opportunities

***Grade 9s should take a Fine Arts and an Applied Skills courses**

****Students are required to take a minimum of one Fine Art or an Applied Skill class at the Grade 10, 11 OR 12 level.**

*****Students will take Grade level courses, unless the course is not available.**

Grade 9 students at SRT may take a grade 10 Elective

Grade 10 students at SRT may take grade 10 or 11 Elective(s)

Fine Arts

Drama 9/10

If you enjoyed the short rotation of Drama in Grade 8, you will love Drama 9/10! This year we will go more in depth with scene study and play productions that will be performed for an audience. We may even have an evening performance! We will film commercials and PSAs, perform monologues, and explore greater use of movement, memorization and concentration skills, expression, and characterization.

Theatre Performance 11: Acting

See yourself in the spotlight! The audience is hanging on your every word! Acting is exactly what you've been looking for! You will learn to develop expression of emotion, voice projection, accents, characterizations, and blocking. You will be expected to memorize and present a variety of scenes, monologues, and plays for student audiences as well as for at least one evening performance. All students in Acting must present on stage. Members of this class will be involved in all aspects of play production – from building sets, finding costumes, publicity, lighting, and sound.

Art 9/10

Open to all Grade 9 and 10 students. Come and explore the elements and principles of design as they apply to drawing, painting and sculpture. Students will learn various techniques to develop both drawing and painting skills in portraiture, still life and landscape. Work with various mediums such as charcoal, pastels, and acrylics. Enjoy 3-D sculpture work with clay and paper mache. Learn block print making and create comic art.

Art Foundations 11/Art Foundations 12

For students who have completed Art 9/10 and/or who are in Grade 11&12. Continue developing and refining your drawing and painting skills. Discover block printing methods, work with wire, clay, and paper mache to create 3-D sculptures. Learn through Art History interesting ways of working that include Abstraction, Surrealism, Conceptual and Environmental Art. Begin working on a personal art portfolio for post secondary studies.

Studio Arts 11/Studio Art 12

If you are a senior and want to take a second art class, this is the one for you. Only available to art students who are already taking Art 11/12. Students may present independent project proposals for personal explorations with a particular medium or to create an art portfolio.

Guitar 9/10 - Beginner (open to all grades)

Students will experience the fundamentals of the guitar while learning how to read music. Students will learn different strumming and picking techniques while working on a range of music from classical to contemporary. Public performance is a component of this course.

Guitar 11/12 - Intermediate (open to all grades)

An opportunity for students at the senior level to experience learning music for the first time. Due to varying levels of ability, achievement will be assessed based on individual progress. Previous students will continue their mastery of guitar techniques.

Intro to School of Rock (Music 9/10)

Learn the basic skills needed to play Rock & Roll, including drums, bass, rhythm/lead guitar and vocals. Practice playing music with a group and performing in front of others in a supportive and low-pressure environment. Students will also begin composing and arranging using Garageband.

School of Rock (Music Tech 11/12)

Learn what it takes to be in a real Rock & Roll band while increasing your confidence and team work skills. Consisting of drums, bass, rhythm / lead guitar and vocals, students will form their own bands within the class, compose original music / lyrics and perform for their school community.

Digital Photography 9/10

Digital Photography focuses on understanding the basic operations and functions of a digital camera and the manipulation of its settings to achieve a specific result. Students will learn about photographic elements of art and principles of design, composition, and lighting. Students learn image techniques and digital manipulation using Adobe Photoshop and Lightroom, teaching them how to archive, organize and optimize their photographs for print or web purposes. Students will learn how to manage and creatively alter digital images as well as critically analyze the use of visual media as a means of communication in our society today.

Digital Photography 11

Building on the skills learned in photography 10, this course dives deeper into the artistic realm of digital photography. There will be several skills/techniques and processes that we will explore further in this course especially in terms of learning how to harness the power of a manual camera, as well as exploring editing software such as Adobe Lightroom and Adobe Photoshop. Students will also be introduced to using studio lighting and remote flash equipment which allow them to shape and mould their subjects to a very professional level. Students will explore the significance of photography within the larger context of the art world, and learn about the critical and varied application it has to the modern world. Students will show off their work in their

Business and Technology

Marketing 11

This course looks at basic marketing principles including advertising, promotions, displays, product development, packaging and branding. Students will learn valuable experience working in a small business (our school store) where they are trained in cash register skills, customer service and team cooperation. Marketing 11 is a must for those interested in business or looking for a practical way to apply their creativity.

Marketing 12

This course looks at advanced marketing principles including global economies. The course is text based using internet support.

Computers 9 and 10

This course is designed to educate students on the ever-changing digital world, as well as to provide hands-on experience with industry standard software and equipment. The curriculum covers a wide range of areas, so it appeals to a diverse group of students. Topics covered in computer classes include graphic design, animation, audio production, video production, and web design.

Computers 11 and 12

This course builds on concepts in Computers 9 and 10. This course is project based and driven by student interest. Students will be expected to master a range of concepts such as digital media manipulation, programming, web design, media broadcasting, and possibly publication layout and design. Success in this course depends on a "hands on" attitude and a problem solving nature. Students will be expected to take on school projects that will showcase the use of technology at SRT. Students also have the opportunity to contribute and or manage our in-house television studio - either for class or school productions. Recommendation that students have completed Computers 9 or 10

Digital Layout and Design 11 and 12 (Yearbook)

Our main objectives will be to produce and print student publications. In addition we will be responsible for making the SRT yearbook. This is a course that requires commitment and attention to detail. You will develop extensive knowledge with all Adobe Photoshop / Publication software that can be readily adapted to the workplace. Past students have used the skills learned here to further their working careers once they graduate.

Microsoft I.T. Academy 11 and 12

This class enables students to obtain official Microsoft Certifications in a variety of Microsoft programs. This is a self-directed course in which students decide what program they wish to work on and when they are ready to take the official Microsoft examinations. This course will help students get an advantage when it comes to job applications and performance. Students will also gain confidence in the Microsoft Office Suite, which can improve efficiency with other courses both in High School and University. As this course is self-directed the number of obtainable certifications can range from Word or Excel specialists to the ultimate goal of obtaining a MOS Master Certification.

Speciality Programs

Leadership 10-12

The Leadership class is an elective which will be an unforgettable experience. The mandate of this course is to positively influence the school culture through planning and running school wide events and initiatives, as well as Peer Leadership with younger grades and feeder schools. This class does run out of the timetable at lunch and afterschool.

Link Crew 11-12

Link Crew is for Grade 11 & 12 students who want to support Grade 8 students transition into their first year at SRT. Link Crew provides training for its leaders to help Grade 8s learn what it means to be a Titan. Activities like September Orientation, academic follow ups, planning social activities, and meeting on an individual basis throughout the year, will help make the Grade 8 experience more memorable and successful! *** Students will be selected for Link Crew, this is not a course to sign up for ***Must be available for two (2) training dates the last week of August***

Career Life Education (Graduation requirement) **Taken in either Grade 10 or 11

Student will begin to explore the impact personal and career choices have on themselves and others. They will discuss the need for creating healthy balances in school and other life activities. Work place safety, potential career opportunities and personal networking and self-marketing will be addressed. Students will identify and explore local to global social and economic trends and appreciate their impact on individuals, communities, workplaces and career opportunities. Students will begin to consider their graduation and post-graduation goals and plans.

Grad Transitions (Graduation requirement)

Grad Transitions has three components; Healthy Living, Community Connections, and Career & Life. Students are required to complete written exercises to demonstrate their reflection and planning as they begin the transition to post-secondary life. All work is "required", and must be completed at a 70% level in order to meet the course requirements. **Website:** www.bced.gov.bc.ca/graduation/grad-transitions/

Guided Inquiry Course for Grades 8, 9, 10, 11 & 12

4 credits: 120 hours

This course has been developed to provide teacher and peer support, encouragement and enrichment opportunities for talented students who wish to pursue inquiry into topics of interest to them. Such inquiry may be undertaken as an extension of regular academic course content or may represent an interdisciplinary approach to make connections across subject areas. As well, a major component of the course consists of opportunities for students to work together with peers to develop the skills of inquiry, such as problem development, critical analysis, project management, and presentation to authentic audiences. Students will participate in team activities and discussions as well as completing independent projects designed in consultation with the course instructor. This course will run outside of the timetable so that students will be able to take a regular load of 8 other courses if they wish to. Requires admin approval.

Student Aide 11/12 – For Grade 11 AND 12 students.

Prerequisites: Recommendation of two teachers on staff and agreement by one teacher to be sponsor. Students will be helping other students in a safe and familiar environment and be involved in a mentoring relationship with an expert teacher. They will become familiar with a variety of learning issues/problems and gain skills in helping students experience them. They will be exposed to a variety of situations that include tutoring, supporting counselors, mentoring and involvement opportunities. They will research a specific learning issue, write weekly journals that encourage reflection and questioning, teach lesson plans, participate in an elementary work experience and write a case study, for assessment purposes. This is a course that rewards initiative and responsibility.

ESL 8-12

Prerequisite: Counseling/ESL teacher approval. Students in this block need to develop ability in all four skills of speaking, listening, reading and writing. They may have difficulty understanding and adapting to Canadian culture, and may be having difficulty handling the courses they are enrolled in. In this program the goals are to develop stronger reading and writing skills, to use the basic structures of the language more consistently, to gain confidence in speaking the language, and to improve listening comprehension in both social and academic environments.

IDS

Independent Directed Studies (IDS) is open to all students in grades 10-12, who want to earn additional course credit by doing a research project. Students, in conjunction with a mentor/teacher, will submit a proposal which outlines the focus of their study, the manner in which it will be conducted, the timeline for submission, and the assessment strategies that will be used. Each credit requires a minimum of 30 logged hours of time. Students apply for an IDS through their subject teacher. Requires admin approval.

Hospitality

Textiles 9-10

Express your unique sense of style. This course is an introduction to clothing construction. Students will learn the basics of sewing on sewing machines and sergers. Various sewing techniques and the reading of commercial patterns will be a focus. Evaluation is based on theory, practical work and daily progress. Projects include: handbags, pajamas, skirts and shorts.

Textiles 11

Building on skills learned in Textiles 9-10, Textiles 11 focuses on projects using more difficult fabrics and construction methods. Projects include garments like yoga-wear or sweat pants, hoodies and bathing suits that use mainly knit fabrics. This course is mainly practical in nature. However theory plays an integral role in successful completion of projects. Pre-requisite: Textiles 9-10

Textiles 12

Calling all designers! A continuation of Textiles 11, this course will continue to build on skills already learned. Advanced sewing and tailoring techniques will be the focus. Sewing with specialty fabrics as well as basic design theory will be taught. Students are given more freedom to create free choice garments that suit their style and needs. Pre-requisite: Textiles 11

Baking 10-12

If you like baking, this course is for you. This hands on course allows students to experience baking of both large and small batch cakes, muffins, scones, cookies, breads and rolls and much more. Although this course is primarily focused on baking, students will be trained in all areas of the commercial kitchen. Students will also receive a Food Safe certificate upon completion of the Food Safe training. If you have any questions about the program please stop by and the Chef would be happy to give you a tour and answer any of your questions.

Culinary Training 9-12

These courses are designed to give students a basic overview of working in a restaurant or banquet style kitchen. Areas of study include: basic cooking & baking skills, proper use & care of a chef's knife & other kitchen equipment. Students will complete Food Safe Level I and receive a corresponding certificate essential for employment in the food service industry. Daily production of food for the school's cafeteria provides students with the hands on opportunity to develop marketable skills which can lead to direct employment. Culinary 11 and 12 each consist of 3 separate courses. Students may take one course or up to three at each grade level. Each course is worth 4 credits so it is possible to have 24 credits in Culinary.

Foods 9 and 10

Students will start with basic recipes and the theory accompanying them, then progress to more difficult and multi-course meals. Topics covered include, principles of food production and their relationship to the environment, nutrition, careers in hospitality, food marketing, and consumerism. This course will provide students with more than the basics to prepare meals at home, or start off in the food industry. Please note that this course is 60% practical and 40% theory.

Foods 11

International Foods will introduce you to foods, dining customs, and food preparation techniques of various cultures from around the world. Classes will focus on learning through practical demonstrations and labs. Prerequisite - Foods 10

Foods 12

Students will continue to learn food preparation techniques that they will use to create delicious, nutritious and healthy meals. They will study social, economic and cultural influences on food. There is an emphasis on learning by cooking.

Technology & Trades

The Technology Education programs at SRT are designed to provide students with an opportunity to gain both the conceptual knowledge and a practical understanding of many technological processes used in our society today. The aims of the department include: the development of technical literacy, an understanding of universal safety practices, how to use tools, materials, systems and processes in an informed and responsible fashion, the practical application of knowledge and skills via hands-on design and problem-solving challenges, projects and labs.

Drafting and Engineering 9/10

This hands-on course introduces concepts such as g-forces, friction, aerodynamics, and collisions in projects such as hovercrafts, bottle rockets, paper towers, spaghetti bridges, virtual bridge building, the egg drop, and roller coaster designing. This course is project oriented, and computers will be used extensively. There will be field trips to local engineering sites.

Drafting and Engineering 11/12

This course is hands-on and project based. Solo and team work will be emphasized. CAD-type programs, computer simulators, computerized sensors, 3D printers, and other technological tools will be used extensively. Projects include hovercrafts, robots, roller coasters, model rockets, toothpick bridges, and motor cars. There will be field trips to Greater Vancouver engineering sites.

Woodwork 9/10

Woodwork 9 and Woodwork 10 are introductory courses that are available to all grade 9 and 10 boys and girls. The course places great emphasis on safe work practices through all of the stages of project development and completion. Students will complete a minimum of 2 teacher assigned projects. Through inquiry and design, many students will have the opportunity to complete a third project of their choice. Some of the machines used at this level will include mitre saw, table saw, jointer, thickness planer and most portable electric and cordless tools. Accurate measurement and work will be an ongoing part of the course. Appropriate finishing methods will be explored as well.

Carpentry and Joinery 11

Carpentry/Joinery 11 is a course that is available to grade 11 students who have never previously taken Woodwork or to students who have taken Woodwork 9 or 10. The course will focus on the safe operation of woodworking machines and tools while the student takes a project from the beginning stages right through to finishing. The course will begin with a teacher assigned project but will quickly evolve into a course where students can design and produce a cabinet or furniture item of their choice or complete a cabinet or furniture item that the teacher has assigned. At this level, most machine, portable and cordless tools will be taught and used regularly. Great emphasis will also be placed on understanding personal safety practices and therefore choosing appropriate environmentally safe finishes and techniques. This course would be an excellent choice for a student wanting to enroll in the Kwantlen Partnership Carpentry program. *Recommendation that student is in grade 11/12 or has completed Woodwork 9 or 10.

Carpentry & Joinery 12

This course is for the student who has taken Carpentry/Joinery 11. The course will be an extension of the grade 11 course and follows very closely the grade 11 course. More machine tools and processes will be explored and projects will be completed accordingly. Jig and fixture design is very likely at this level to allow students to produce multiple furniture parts. At this level students will be asked to challenge their own skill level. There are no teacher assigned projects at this level so it is expected that students will either design their own cabinet or furniture work in consultation with the teacher or will work on a teacher assigned cabinet and furniture project. Final discussion will also focus on historical, social, and cultural implications of wooden artifacts.

Metalwork 9 / 10

Metalwork 9 and Metalwork 10 are introductory courses that are available to all grade 9 and 10 students. The course places great emphasis on safe work practices through all of the stages of project development and completion. Students will complete a minimum of 2 teacher assigned projects. Through inquiry and design, some students will have the opportunity to complete a third project of their choice. Some of the machines used at this level may include: band saw, lathe, milling machine, welders as well as most portable electric and cordless tools. Accurate measurement, good design and quality work will be an ongoing part of the course. Appropriate finishing methods will be explored as well.

Metalwork 11

Metalwork 11 is a course that is available to grade 11 students who have never previously taken Metalwork or to the student who has taken Metalwork 9 or 10. The course will focus on the safe operation of metalworking machines and tools while the student takes teacher assigned projects from the beginning stages right through to finishing. The course will begin with some teacher assigned projects but may evolve into a course where some students can design and produce metalwork items of their choice through efficient problem solving. The Metalwork 11 course will focus on layout and fabrication, machining on the lathe, the milling machine, arc and stick welding as well as some art metal. Basic metallurgy will also be discussed. This course would be an excellent choice for the student wishing to go into our BCIT partnership metal fabrication program. *Recommendation that student be in grade 11 or 12 or has completed Metalwork 9 or 10.

Metalwork 12

Metalwork 12 is a continuation of the Metalwork 11 course. Students taking this class ideally need to have taken Metalwork 11. At this level, it is assumed that students have a genuine interest in pursuing a Metalwork related occupation. This course will allow the student to further their Metalwork skills through teacher assigned projects but may also allow students to concentrate in chosen areas such as machining and welding. It is also very likely at this level that students will have moved from reading available shop drawings to generating their own to pursue a project through a perceived need. Some final discussions in this class might also focus on the recycling of metal items as well as historical, social and cultural implications of metal artifacts. *Recommendation that student has completed Metalwork 11.

Partnership Programs

Secondary School Apprenticeship (SSA)

Secondary School Apprenticeships allow students who are employed or working in a family business that is a Skilled Trade identified occupation to earn up to 16 credits towards graduation. Students will be registered with the Industry Training Authority (ITA) and upon completion of each 120 hours of employment will receive 4 credits towards graduation (to a max of 16 credits). In addition, hours worked will be recorded by the ITA and count towards their apprenticeship.

In addition, a \$1000 award is available to students who complete the program with a C+ average and 900 total working hours (recorded by December 31 of the school year the student turns 19)

Automotive Service Technician

This ten-month program runs from September to May at Westview Secondary School in partnership with British Columbia Institute of Technology. This 30 week entry-level program provides you with the basic knowledge and practical skills needed for entry into the automotive industry. As a graduate, you could pursue a career as a general repair technician or choose to specialize in one of the varied career paths that have emerged within the industry. You will also receive credit for your first level of apprentice technical training from the Industry Training Authority (ITA) and 450 hours of work based training. Upon successful completion of this program, you will be scheduled to write the Provincial Level 1 apprenticeship exam. Requirements:* Grade 11

Electrician

This 24-week program runs from September to February at Garibaldi Secondary School in partnership with British Columbia Institute of Technology. The program provides graduates with the theory and practical skills necessary to enter the electrical trade. The electrical worker plans, assembles, installs, tests, repairs and maintains electrical equipment and systems in a variety of settings. 24 credits - Dual credit for high school and completion of level one apprenticeship and 350 hours of work based training. Requirements:* Grade 11 - English 11 / Com 11 (C); Math 11 (C+) Physics 11. *BCIT pretest is acceptable for English and Math.

Hairstyling

This is a ten-month apprenticeship program running from September to June at Samuel Robertson Technical in partnership with Vancouver Community College. The program is divided into three levels and is 10 months in length. The first two levels of this program are designed to cover all core aspects of the industry on a progressive scale, demanding an increase in competence at each level. 32 credits - Dual credit for high school and level one, two and three apprenticeship training, VCC certificate and writing of the Red Seal Exam. In addition – all students will complete a practicum at a local salon. Requirements: Grade 11

Culinary Arts

This is an 8-month program running from September to April at Samuel Robertson Technical in partnership with Vancouver Community College. Graduates will find excellent opportunities for employment in all areas of the food service industry, including positions such as assistant cooks or apprentices in restaurants, hotels, and aircraft flight kitchens. 32 credits - Dual credit for high school and level one and two apprenticeship training. Class hours are afternoon and evenings, Monday – Thursday. Requirements: Grade 11 (mature grade 10)

Carpentry - SRT

This is a ten-month program running from September to June at Samuel Robertson Technical in partnership with Kwantlen University. Hands-on shop experience is the basis on which skills are developed in the program. Students who complete the program are eligible for credit for first year apprenticeship technical training. 28 credits - Dual credit for high school and level one of apprenticeship training and 450 hours of work based training. Requirements: Grade 11

Carpentry- GSS – Early Entry Apprenticeship

This Partnership between School District 42 and Kwantlen University is a full- time 40-week level one apprenticeship program running from September to June offered at Garibaldi Secondary. Students complete core academic requirements on site with 28 dual credits for high school and apprenticeship training with 450 hours of work based training. Requirements: Grade 10 - English 10; Math 10 (grade 11 preferred)

Masonry (Bricklaying)

This partnership between Kwantlen Polytechnic University and School District No. 42 provides a unique opportunity for secondary school students to complete Grade 12 graduation requirements while earning post-secondary credits and certification in the masonry (bricklayer) field – with credit of 400 work based training hours. Additionally, students will acquire job-ready skills to enter the job market or pursue other post-secondary education. The program runs from September to February Location: Thomas Haney Secondary School

Pipe Fitting / Plumbing

Garibaldi Secondary and Kwantlen University have partnered together to offer a level one apprenticeship plumbing program. This 25 week program will give students the practical and theory skills to enter the piping / plumbing industry. The program is taught by Kwantlen instructors and follows the provincial apprenticeship curriculum. Students receive dual credit (high school graduation and college credits for completion of the program). Students will develop the necessary habits concerning safety and the proper use of time, tools, materials, and the work skills required to be a competent trades person in today's workforce. Students who successfully complete the Plumbing Foundation program will receive Level 1 in-school technical training credit and 375 work-based hours towards completion of the Plumber Apprenticeship program. Students are able to follow one of the four certification streams: plumbing, pipefitting, gas fitting and sprinkler fitting. Requirements: Grade 11

Metal Fabrication

This is a ten-month program running from September to June and is offered at Samuel Robertson Technical in partnership with British Columbia Institute of Technology. The Metal Fabrication program deals with the selection, layout, shearing, cutting (with a torch), punching, drilling, forming, fitting and welding of steel plates and structural steel shapes. 28 credits - Dual credit for high school and level one apprenticeship and 450 hours of work based training. Class hours are from approximately 3:00 – 8:00 pm Monday – Friday. Requirements:* Grade 11

For more information about School District No. 42's partnership programs talk to your high school counselor, career advisor or work experience teacher or contact District Career Programs Coordinator Brad Dingler or District Career Programs Principal Steve Wiebe. You can also obtain the latest information at our Trades Website:

<http://apprenticeship.sd42.ca/>

Brad Dingler – Brad_Dingler@sd42.ca (604) 626 1176
Steve Wiebe – Steve_Wiebe@sd42.ca (604) 318-9792



Contact Us

School Website: <http://schools.sd42.ca/srt/>

Library Website: <http://srtllibrary.weebly.com/>

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