



WESTSYDE SECONDARY

Course Selection Book
Grade 9-12

2023-2024

WELCOME TO WESTSYDE SECONDARY SCHOOL

ADMINISTRATION:

Principal: Mr. Chris Preymak
Vice-Principal: Mr. Dominic Comita
Vice-Principal: Mrs. Cecile McVittie

COUNSELLING:

Counsellor: Mrs. Betty Lapeyre (student's last name begins with A-K)
Counsellor: Mr. Matt Marra (student's last name begins with L-Z)
Counselling Steno: Ms. Jodi Fiskar
Trades & Transitions Coordinator: Mr. Chris Gremaud

PARENT MESSAGE

The best opportunities for a student's future are based on the successful completion of a strong, well-planned program in secondary school. Westsyde Secondary School offers a complete academic program with flexibility to meet your son/daughter's individual needs. However, the school cannot do it all; interest, involvement, support, and guidance of parents have never been more important.

We hope you will begin your involvement by studying this handbook and emphasizing to your child the importance of his/her secondary school years. Working together, we can make certain that all students will meet their educational objectives.

EDUCATIONAL AND PERSONAL COUNSELLING

At Westsyde Secondary School, students are assigned to one of our counsellors based on their last name. However, students may choose to see either counsellor. If students wish to see a Counsellor, they should drop by the Counselling Office either before school, noon hour or after school and make an appointment with the counselling secretary. We will treat all matters in an understanding and strictly confidential manner.

Some of the services we can provide include course planning, learning assistance referrals, peer support, organizational support, and study skills.

Parents are welcome to consult with counsellors at anytime. Contact can be made either by phone or in person. Appointments can be made through Ms. Fiskar by calling 250-579-9271.

EXPECTATIONS

WSS PRIDE – PRIDE IN SELF – PRIDE IN OTHERS – PRIDE IN SCHOOL

LEARNING

The keys to success for all students at Westsyde Secondary are:

- BEING on time;
- BEING prepared for class;
- BEING attentive and on task during class;
- BEING up to date with homework completion;
- BEING respectful and positive;
- BEING involved.

THE FIRST DAY OF SCHOOL

On the first day of school, students are to report to their homeroom, where they will be given their timetable. Homerooms will be posted in the hallways. The opening time for the first day will be advertised in the newspaper.

THE SCHOOL DAY

Please see the school website at <http://wss.sd73.bc.ca> for school hours, breaks and lunchtime schedule. This information will be given to students on the first day of school. On the first day of school in homeroom, students will receive a blank timetable displaying the block rotation with block and break/lunch times, and the "Connections" time slotted for Wednesday afternoon.

ATTENDANCE

Students are expected to attend on time and prepared to work at all classes. Parents are requested to telephone the school if the student is going to be absent. All unexcused absences at WSS will have a computerized callout to the student's home the day of the absence. Planning of a family holiday, which does not conflict with school attendance is appreciated and expected. Where circumstances require a student to be absent for any reasons other than illness, please contact the administration prior to the date of absence. It is important to note that students are responsible for all work covered when they are absent. If a student must be away from a school, a Planned Absence form must be completed and returned to Administration in the Main Office. Planned Absence Forms are available in the Main Office or online at www.wss.sd73.bc.ca.

EARLY DISMISSAL – SIGNING "IN" or "OUT"

Students are expected to "SIGN IN" at the office if they arrive at school after classes have started. Once students have arrived at school, they must "SIGN OUT" if they are leaving before 2:55 pm. Before signing out, students must present a parent permission note or a telephone call to the Main Office from the parent is required. If possible, please book all appointments outside of school hours or on non-instructional days.

REPORTING AND GRADING

Westsyde Secondary School issues four Report Cards a year. Both achievement and effort honour rolls are assessed. They are reported as follows:

GRADES 10-12

LETTER GRADE	PERCENTAGE	EFFORT
A	86% to 100%	G = Good
B	73% to 85%	S = Satisfactory
C+	67% to 72%	N = Needs Improvement
C	60% to 66%	RM=Requirements Met
C-	50% to 59%	
F	0% to 49%	
I	In progress (see below)	

GRADE 9

Four-point provincial proficiency scale

The **four-point provincial proficiency scale** is used in K-9 to communicate student progress in all areas of learning. The four points on the scale include Emerging, Developing, Proficient, and Extending.

Proficiency Scale				
	Emerging	Developing	Proficient	Extending
	The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

An "I" is assigned when a number of assignments or tests have yet to be completed. The student is given the assignments, as well as a timeline for completing them. Once the timeline has passed and/or the assignments completed, the "I" mark is changed to a percentage mark.

CRITERIA FOR EFFORT HONOUR ROLL Grades 8 – 12:

Please note: Due to changes in reporting practices based on the new provincial four-point proficiency scale, honour roll criteria are currently under review by the Westsyde Secondary awards committee.

COURSE CHALLENGE

The purpose of challenging a course is to permit students who have already acquired the appropriate learning elsewhere to obtain credit for a Grade 11 or 12 course. Students who request the opportunity to challenge a course must be able to give strong and compelling evidence that they will succeed in the challenge and that it is in their best interest. Challenging is not intended to be a way for students to improve their course mark nor as a means of acceleration. For further information, please contact the school Principal.

COURSE EQUIVALENCY

The purpose of equivalency is to recognize valid credentials at the Grades 10, 11 and 12 levels acquired by students from other educational jurisdictions (i.e., Toronto Conservatory of Music) outside the regular school system. All students who can provide a credential or document to support their equivalency request are entitled to an equivalency review. The process will not recognize undocumented prior learning. For further information, please see your school counsellor.

HOMEWORK

Home study is a valuable routine to establish. It is more than simply doing homework as it arises. Often parents are at a disadvantage when asking their son/daughter whether they have homework and often receive the answer "No" to the question "Do you have any homework". A more effective way to approach home study is to set up a regular time, in consultation with your son/daughter that is in place each day regardless of whether or not they have specific homework. They are expected to use the allotted time whether they have specific homework that day or not. Home study would involve specific homework completion, working on projects/long term assignments, preparing for upcoming tests and/or review. By committing to establishing a regular home study time and routine it reduces the inevitable conflict over whether there is specific homework on a particular day and helps to establish a more useful and long-lasting routine built around home study.

PARENT-TEACHER STUDENT INTERVIEWS

Two formal parent/teacher/student interview sessions are scheduled each year. The purpose of these sessions is to provide parents and students an opportunity to discuss their student's progress. Parents are also encouraged to contact the teacher at any time during the school year.

LOCKERS

We are pleased to offer you the use of a school locker while enrolled at Westsyde Secondary School. With use of this locker the following guidelines apply:

- The locker assigned to you is for your use only. No one else's belongings can be kept in your locker.
- Lockers are assigned annually according to A-block in semester one.
- You are not permitted to switch lockers without direct administration approval.
- You can use a combination lock to keep your belongings safe, but the combination must be given to your homeroom teacher and will be kept in the office records.
- If you use a key-lock, an extra key must be kept in the office. If your key/combination is not recorded, then it may be necessary to cut off your lock to gain access to your locker.
- Lockers are the property of the school and student are given the privilege of using them. Please note that administration can access lockers at any time for a variety of reasons. Student consent is not required.
- The following items cannot be kept in your locker:
 - anything deemed by the school to be dangerous (such as anything that could be used as a weapon)
 - anything illegal (such as non-prescribed drugs, alcohol, or stolen property).

If these items are found to be in your locker the school administration and/or RCMP will seize them, and appropriate disciplinary action will be taken.

TEXTBOOK DEPOSIT

A learning resources deposit shall be collected from secondary students to be held against lost or damaged learning resources. The textbook deposit will be \$50 per student to a maximum of \$100 per family, which will be held by the school until the student graduates or withdraws from the school provided that the textbooks are returned in a suitable condition at the end of each semester or school year. If the textbooks are damaged or not returned at the end of the semester or school year, the school will not refund the original deposit and may charge an additional deposit of \$50 per student to a maximum of \$100 per family at the beginning of the following semester or school year.

P.A. ANNOUNCEMENTS – MESSAGES

P.A. announcements will be made only at specific times each day. It is important that they be listened to and heard by all students. We cannot interrupt classes with personal messages for students, although emergency messages will be considered. A school phone, outside the Counselling Office, is available for local calls, outside of class time. The office telephones are available to students only in case of emergencies or when on school business.

COMPUTER USE AND INTERNET ACCESS

WSS offers students the use of computers and access to the Internet. The library is open for student use before school, at lunch hour and after school. Internet access is available to all students with parental permission. An Internet Access Agreement must be signed by all students. Students who violate the agreement and acceptable use may have their privileges suspended or removed.

CELL PHONES, I-PODS, MP-3 PLAYERS

The WSS TECHNOLOGY POLICY is intended to address the **appropriate use** of all electronic devices during our regular school day. To that end, the following expectations must be adhered to with regards to proper and responsible technology use:

1. Cell phone use (both verbal and texting) is **not permitted** at WSS during instructional time unless it is at the discretion of the individual teacher for educationally related reasons. Failure to comply with this policy will result in the confiscation of the phone and it will be turned into the office for follow-up from our administration.
2. Cell phone use (both verbal and texting) will be **permitted** in the school during non-instructional time (before school/long break/lunch/after school).
3. The use of music devices such as IPOD's and MP3 players can only be used during class time **at the discretion of the individual teacher**. Failure to comply with this policy will result in the confiscation of the device and it will be turned into the office for follow-up from our administration.
4. The use of cameras and imaging devices are **not allowed at WSS at anytime during the school day** unless under the direct supervision of a teacher for educational reasons only. Such permission will also include appropriate waiver forms for student consent/release of images.
5. Students who consistently and/or repeatedly violate this policy may have their ability to bring their personal device to school suspended, revoked or be subject to special conditions surrounding their possession of the device at school. These measures are taken when a student consistently refuses to follow classroom rules and teacher direction in the classroom over the acceptable use of the device, or when a student has been found to use the device in an inappropriate manner. (eg. bullying and harassing texting behaviour, taking pictures or videos without permission and/or refusing to give their device to a teacher or administrator when requested)

Our goal at WSS is to **promote 'responsible use'** of all technology devices and we aim to support this goal through educating our students.

SCHOOL ACTIVITIES AND CLUBS

Westsyde Secondary School offers a wide range of school activities. We encourage as many students as possible to become involved in our school teams, intramurals at lunch hour and school clubs. Listen to the school announcements to sign up.

SCHOLARSHIPS AND BURSARIES

The Counselling Department in conjunction with the district produces a comprehensive list of local awards and sources of financial aid. Counsellors are available to assist students in the preparation of applications. School District #73 has various scholarship and bursary information on their webpage.

EXTERNAL COURSES / CREDITS

Credits towards graduation may be earned for successfully completing a wide range of activities that students participate outside of school. The Ministry has approved many courses and programs from diverse, community-based learning activities wherein the student can receive credit for the courses taken. Some of these external courses are: ICBC Driving Training, Boating 11B, Ski Instructor, Snowboard Instructor, Cadet, Girl Guides, Air Cadets. Please see your counsellor for a complete list of external credits.

GRADUATION REQUIREMENTS

Students accumulate credits for Grade 10, 11 and 12 courses. A total of 80 credits are required for graduation. **Of the 80 credits needed for graduation, at least 20 credits must be at the Grade 12 level, including a Grade 12 English course, Career Life Connections 12 and twelve other credits.**

- ☆ Effective the 2023/2024 school year, all students working toward a B.C. Certificate of Graduation, must successfully complete at least 4 credits in Indigenous-focused coursework. Students can meet this graduation requirement through a variety of course options.

The 80 credits are comprised of the following:

REQUIRED COURSES (48 credits required)	<u>Credits</u>
English First People 10: Writing 10, <i>plus one</i> of Creative Writing 10, New Media 10, or Spoken Language 10 [2 credits each x 2] =	4
English 11: one of Creative Writing 11, New Media 11, Literary Studies 11	4
English 12 or English 12 First Peoples	4
Social Studies 10	4
One Senior Social Studies: one of 20 th Century World History, BC First Peoples, Economic Theory, Genocide Studies, Law Studies, Political Studies, or Social Justice	4
Science 10	4
a Science 11 or 12	4
Mathematics 10	4
Mathematics 11 or 12	4
Physical and Health Education 10	4
Career Life Education 10	4
Career Life Connections 12	4
Fine Arts or Applied Skills 10, 11 or 12	4
SUB-TOTAL credits	52

ELECTIVE COURSES (28 credits required)

These credits can be for:

Additional Grade 10, 11 or 12 Ministry-Authorized courses; External Credits; Board/Authority Authorized courses; post-secondary credits, and/or Independent Directed Studies

SUB-TOTAL credits 28

OVERALL TOTAL CREDITS 80

THREE MANDATORY GRADUATION ASSESSMENTS

Students are required to write two Graduation Assessments - Numeracy 10, Literacy 10, and Literacy 12:

Numeracy Assessment – no credits given but is Mandatory

This assessment is based on mathematical concepts learned across multiple subjects from kindergarten to Grade 10. Students will use five numeracy processes (different ways of thinking and working) to solve problems: interpret, apply, solve, analyze, and communicate. This is a graduation requirement.

At Westsyde Secondary, students are registered to write this exam at the end of the semester in which they complete Math 11. Students are allowed to re-write this assessment twice. To request a re-write please see your counsellor. Students do not fail or pass this assessment, but instead earn a 'proficiency scale' from 1 - 4 (4 being proficient) and this number is printed on official transcripts.

Literacy Assessment 10 & 12 – no credits given but is Mandatory

This assessment provides a rigorous measure of foundational aspects of learning, in a manner that is inclusive and personalized, while providing detailed and relevant information for students, parents, and educators. Shaped by the Core Competencies and the First Peoples Principles of Learning, the Graduation Literacy Assessment measures the essential cross-curricular aspects of literacy – critically analyzing diverse texts and communicating with purpose and awareness – in an online interactive assessment that covers all core subjects across high school - math, science, social studies, and language arts. At Westsyde Secondary, students are registered to write this exam at the end of the semester in which they complete **Writing 10 and English First Peoples 12**. Students are allowed to re-write this assessment once each. To request a re-write please see your counsellor. Students do not fail or pass this assessment, but instead earn a 'proficiency scale' from 1 - 4 (4 being proficient) and this number is printed on official transcripts.

SCHOOL TIMETABLE

Students will take a total of eight full course equivalents each year, four each semester. The first semester runs from the beginning of September to the end of January and the second semester runs from early February to the end of June.

COURSE SELECTION AND MAKING COURSE CHANGES

Trying to offer students as much choice as possible is a challenge – a challenge with definite limitations. Even though we try to make a wide variety of course work, some courses can be offered only if demand is sufficient, and teachers are available. Thus, not all courses described in this booklet may be offered.

Often class numbers are crucial. Movement of even a few students can seriously complicate things. For these reasons, we expect that once students have made their choices, they must be prepared to complete their courses. We **do not** have the luxury of having students sign up for a course “to see what it’s like” and then deciding to change several weeks or months later if they don’t like it.

Every student has a timetable and must follow it. Each student is given as much opportunity as possible to select a suitable course program. Once the final selection is made, the student has a commitment and is expected to live up to it. Only under very special circumstances may a student be permitted to change a course; such a change may **ONLY** be arranged by the student’s counsellor and with the approval of the administration and the parents.

It is important to plan your courses with thought and consideration. The courses you select during high school will provide opportunities for future vocational and educational choices. Students should select courses and programs that will enable them to meet their goals. Students and parents are encouraged to discuss their educational choices with both counsellors and teachers.

REQUIRED COURSES

Math 10 – choice
Science 10
Social 10
PE 10
Career Life Ed 10
English 10 First People

English 11 – choice
Math 11 – choice
Science 11/12 – choice
Social Studies 11/12 - choice

English First Peoples 12
Career Life Connections 12
2 other Grade 12 courses – choice

Fine Arts or Applied Skills 10, 11 or 12
28 electives
Numeracy and Literacy Assessments

CAREER LIFE EDUCATION 10 (Mandatory)

As students move through Grades 10–12, they further refine their understanding of the links between personal development and their career decisions. They consider regional and global trends to reflect on career possibilities, refine their understanding of safety requirements associated with occupational areas and related technologies, and further develop and refine their understanding of career possibilities through planning, practice, and application of competencies and knowledge.

Students may explore and experience various career options before they discover the most appropriate and meaningful direction for them. For some students, a successful transition will involve a direct path to further education, while for others it will involve a direct path to the world of work. During these years, students develop their transition plans, which include workplace experience and a final capstone project.

CAREER LIFE CONNECTIONS 12 (Mandatory)

Grade 12 students **must complete this course with 4-credit requirement in order to graduate**

Career Life Connections requires students to identify and develop personal interests, passions, and goals. They develop and apply the personal management skills needed to pursue who and how they want to be in the world. This offering also facilitates community networking and experiential learning both inside and outside of school. Students use this course to plan and develop their final high school capstone project.

ENGLISH

ENGLISH 9

English 9 builds and expands upon the core competencies of communication, thinking and personal and social responsibility learned in Grade 8. Through an exploration of a variety of texts, including Aboriginal texts, students will explore forms, features and literary elements that contribute to meaning in story. Students will also think critically, creatively, and reflectively to explore ideas within texts and to make connections to their own lives. In addition, students will continue to develop communication skills by focussing on and thinking about the writing process, conventions of grammar, and spelling in order to create informational and creative texts. **Pre-requisite: English 8**

English First Peoples 10 [Prerequisite: English 9] (MANDATORY)

To satisfy the English Language Arts 10 credit you must pick ONE of the English Courses listed below (Literary Studies 10, New Media 10, OR Spoken Language 10.) Every student will take Writing 10 along with the course they choose. Students will receive 2-credits for each course, for a total of 4-credits [**one semester course**].

Writing 10 (MANDATORY)

English First Peoples Writing 10 is designed for all students who are interested in writing for a variety of purposes and contexts. Students will be provided opportunities to become better writers through the exploration of personal and cultural identities, memories, stories, and connections to land/place. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging compositions. **PLUS pick one of the following:**

(1) Literary Studies 10

English First Peoples Literary Studies 10 is designed for students who are interested in exploring First Peoples literature in a variety of contexts, genres, and media. This area of choice provides students with opportunities to explore personal and cultural identities, histories, stories, and connections to land/place. This course is grounded in the understanding of how texts are historically and culturally constructed. Students will work individually and collaboratively to broaden their understanding of themselves and the world.

(2) New Media 10

English First Peoples New Media 10 is designed for students who are interested in exploring the increasing importance of digital media in communicating and exchanging ideas. This area of choice provides students with opportunities to think about the use of new media and its effects on individuals and on First Peoples communities and cultures. Students will work individually and collaboratively to develop skills needed in an increasingly complex digital world as they demonstrate understanding and communicate ideas through a variety of digital and print media.

(3) Spoken Language 10

English First Peoples Spoken Language 10 is designed for students who are interested in studying First Peoples oral traditions and in developing their oral self-expression and communication in a variety of contexts. Within a supportive community, students will work individually and collaboratively to develop their writing skills and create coherent, purposeful, and engaging oral texts for a variety of purposes. This area of choice will provide students with opportunities for performance and public speaking.

ENGLISH 11 – [Pre-requisite: 4 credit of English 10 courses]

To satisfy the English Language Arts 11 credit you must pick one of the following courses:

Creative Writing 11 OR Literary Studies 11 OR New Media 11

(a) Creative Writing 11

Creative Writing 11 is designed for students who are interested in developing their skills in self-expression through writing. Students will explore personal and cultural identities, memories, and stories in a wide range of genres. In addition, students will form a writing community in which they collaborate, reflect on, and share their work to develop their skills in the application of the writing process. Possible areas of focus include short fiction, poetry, creative non-fiction, and memoir.

(b) Literary Studies 11

Focused Literary Studies 11 allows students to explore a variety of literary works in greater depth. Through this course, students can explore literature of different themes, genres, periods, authors, and geographic regions. The close study of literature in this course will enable students to enjoy reading a variety of texts, enhance their literacy skills, expand their development as educated global citizens, and understand themselves and their place in the world.

(c) New Media 11

New Media 11 explores the impact of technology in today's society and the increasing importance of digital media in exchanging ideas. Students will have the opportunity to develop their digital literacy skills, which are of key importance for their future as global citizens. Students will have the opportunity to communicate ideas through a variety of means such as media, film, journalism, publishing, poetry, songs, blogging, social media, and podcasting.

ENGLISH FIRST PEOPLES 12 (MANDATORY)

English First Peoples 12 builds upon and extends students' previous learning experiences in English Language Arts courses. The course is grounded in First Peoples Principles of Learning and is designed for all students. Students will delve deeply into First Peoples oral tradition, written literature, and visual texts in a range of media. The course focuses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text, including oral story, poetry, song, performance, film, and prose. A key feature of the course is its focus on authentic First Peoples voices. **Pre-requisite: 4 credits of an English 11 course**

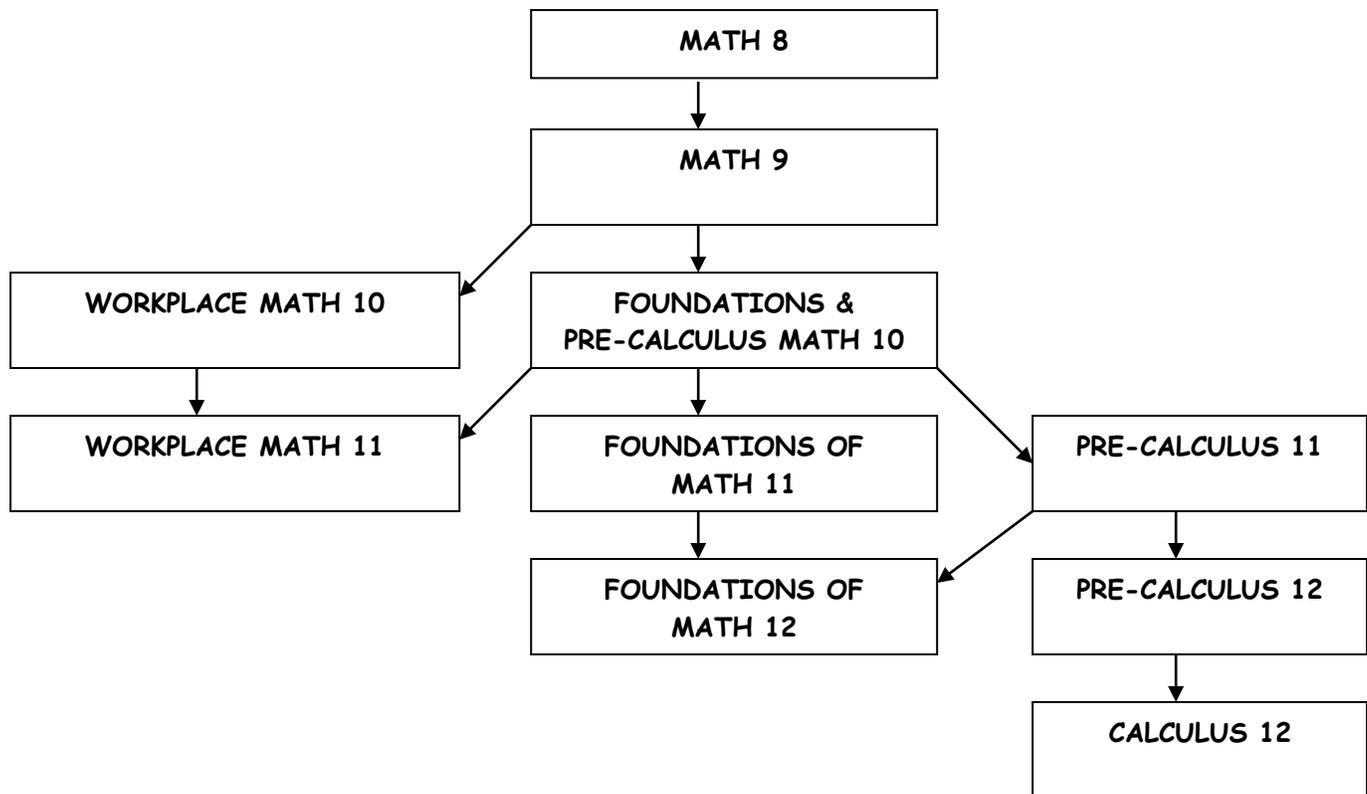
LITERARY STUDIES 12

NOTE: This course is an elective.

This is a wide-ranging survey course in developing an appreciation of literature from Anglo-Saxon times until modern times. Students will investigate the works of major authors such as Chaucer, Shakespeare, Milton, Wordsworth and Tennyson. This is an academic elective that should be considered by any student who appreciates literature. Students will demonstrate their learning through completing a range of visual, oral and written products.

Pre-requisite: 4 credits of an English 11 course

MATHEMATICS



THE PATHWAYS EXPLAINED

(1) Workplace Math

This pathway is designed to provide students with the mathematical understanding and critical-thinking skills for direct entry into the work force.

(2) Foundations of Mathematics

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus.

(3) Pre-Calculus

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

IMPORTANT NOTE

The Math programs in Grade 8 and Grade 9 consists of one stream.

In Grade 10, the program separates into two pathways.

(1) The "**Foundations of Math & Pre-Calculus**" pathway focuses on algebraic based topics.

(2) The "**Workplace Math**" pathway leads the student on a vocational pathway. The Workplace Math pathway may not satisfy some university entrance requirements or entrance requirements to some college programs. Students selecting this pathway in Grade 10 recognize that to change to the Foundations of Math or Pre-Calculus pathway in Grade 11, they must first successfully complete Foundations of Math and Pre-Calculus 10.

To graduate all students must complete a Grade 10 and a Grade 11 mathematics course. Graduation requirements are satisfied by completing either Foundations of Math 11 or Workplace Math 11. **You might need more than one math course if you plan to continue school beyond Grade 12.** Students and parents are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution, by program within the institution, and by year.

SAMPLE FUTURE PLANS	MOST RELEVANT COURSE WORK
Technical College	Workplace Math 10 followed by
Some Trades	Workplace Math 11
Direct Entry to Workforce	
Math	Foundations and Pre-Calculus 10 followed by
Science	Pre-Calculus 11 and
Engineering	Pre-Calculus 12
Medicine	
Commerce	
Social Sciences	Foundations and Pre-Calculus 10 followed by
Humanities	Foundations Math 11 and
Fine Arts	Foundations Math 12
Some Trades	
Undecided	

Further information about these pathways can be found at: http://www.bced.gov.bc.ca/irp/irp_math.htm

For specific program requirements, you should contact the specific institution you are interested in or search for specific program requirements using the Education Planner's website:

<http://www.educationplanner.ca/>

**For TRU Math Program Admission Requirements: <http://www.tru.ca/newmath.html>
For other university Math Admission Requirements: please check their website**

MATHEMATICS 9

Topics include relations and equations, rational numbers, powers and exponents, polynomials, linear relations, scale and similarity, data analysis and financial literacy.

FOUNDATIONS OF MATH AND PRE-CALCULUS 10

Topics include: SI and Imperial Units (surface and volume), trigonometry, radicals, prime factorization, powers and exponents, polynomials and factoring, linear relations and functions (equations and graphing), function notation, and systems of linear equations. **Scientific calculator needed. Pre-requisite: Math 9; Recommendation: C+ or better in Math 9**

WORKPLACE MATHEMATICS 10

Topics include: SI and Imperial units (length, perimeter, area, volume), Pythagorean Theorem, similar polygons, trigonometry, angles and lines (parallel and perpendicular), proportion and percent, wages and salaries, and problem solving **Pre-requisite: Math 9**

PRE-CALCULUS 11

This course includes Algebra and Number - absolute value, radicals and radical expressions, rational expression; Trigonometry - primary trigonometric ratios, sine law and cosine law; Relations and Function, - polynomial factoring, absolute value graphs, quadratic functions, quadratic equations, systems of linear, linear and quadratic inequalities, arithmetic and geometric sequences and series, reciprocal linear and quadratic functions.

Pre-requisite: Foundations of Math & Pre-Calculus 10 Recommendation: "B" or better in Foundations of Math & Pre-Calculus 10

FOUNDATIONS OF MATHEMATICS 11

This course is an academic course that requires a commitment to assignments and study. Topics include: **financial literacy**, angle relationships, logical reasoning, statistics, scale models, functions, and linear inequalities Required:

SCIENTIFIC CALCULATOR. PHONES CAN NOT BE USED IN CLASS AS CALCULATORS

Pre-requisite: Foundations of Math and Pre-Calculus 10 **Recommendation:** Strongly recommend a C+ or better in Foundations of Math and Pre-Calculus 10

WORKPLACE MATHEMATICS 11

Topics include: measurement, geometry, personal finance and probability, algebra.

Scientific calculator needed.

Pre-requisite: Workplace Math 10

PRE-CALCULUS 12

This course is an academically challenging course designed to prepare students to further studies at the post-secondary level. Topics include: *Develop trigonometry reasoning:* understanding of angles, equation of the unit circle, trigonometric ratios, functions, equations and identities; *Develop algebraic and graphical reasoning through the study of relations:* understanding of operations on functions, understanding of the effects of horizontal and vertical stretches on the graph, logarithms, polynomial functions, radical functions, rational functions, fundamental counting principle to solve problems, binomial theorem.

Graphing calculator recommended. [Graphing calculators are available for classroom use only]

Pre-requisite: Pre-Calculus 11; Recommendation: "B" or better in Pre-Calculus 11

NOTE: Another optional elective Math course after or to coincide with Pre-Calculus 12 is CALCULUS 12

This course is strongly recommended for students pursuing programs of study in Science, Engineering and Commerce. Calculus 12 provides a foundation in the skills and concepts necessary for students to be successful in these studies at college or university. Students must have strong algebra skills.

Pre-requisite: Pre-Calculus 11; Co-requisite: Pre-Calculus 12

Recommendation: B or better in Pre-Calculus 11

FOUNDATIONS OF MATHEMATICS 12

This course is an academic course that requires a commitment to assignments and study. Topics include: *Develop number sense in financial applications:* compound interest, investment portfolio, numerical and logical reasoning; *Develop logical reasoning:* problem-solving strategies, application of set theory; *Develop critical thinking skills related to uncertainty;* *Develop algebraic and graphical reasoning through the study of relations:* polynomial functions, exponential and logarithmic functions, sinusoidal functions; *Develop an appreciation of the role of mathematics in society.*

Graphing calculator recommended. [Graphing calculators are available for classroom use only]

Pre-requisite: Foundations of Math 11 or Pre-Calculus 11

Recommendation: Strongly recommend a C+ or better in Foundations of Math 11

SCIENCE

SCIENCE 9

This course will cover the following topics: Cell Reproduction -Mitosis/Meiosis, Asexual/Sexual Reproduction; Chemistry; Electricity; and Earth Science - Energy Cycles, Earth's Spheres. This course includes a lab component.

SCIENCE 10

This is a comprehensive course covering topics in ecology, chemistry, radioactivity, motion, and earth science. This course includes a lab component. **Scientific calculator needed for the course.**

Pre-requisite: Science 9

ENVIRONMENTAL SCIENCE 11

This course meets the "Grade 11 Science" criteria for graduation.

Environmental Science will offer students an appreciation of our dependence on a healthy environment. We will conduct investigations into species survival, and the dependence on biodiversity for a healthy and sustainable ecosystem. Topics will include biodiversity, the complexity of life, processes shaping diversity, matter cycles and energy flow, humans as agents of change, and alternate fuels and technology. **Pre-requisite: Science 10**

ASTRONOMY 12 (Specialized Science 12)

This course meets the "Grade 11 Science" criteria for graduation and can also be taken as an elective.

This course is for anyone who has looked up at the sky and wondered, "What's out there?" There have been many recent developments in the field that challenge our ideas about the universe, space, and time.

Topics in Astronomy 11 include the following:

The History of Astronomy	The Earth and Moon
Stellar Evolution	Space Travel and Extra-Terrestrial Life
Telescopes and Observatories	The Solar System
Cosmology	Science Fiction

Astronomy 11 is a course designed for students with a keen interest in space science. Students may also be required to participate in an occasional evening observation session at either the school or another nearby location using our school telescope.

Pre-requisite: Science 10

LIFE SCIENCES 11 (formerly Biology 11)

This course meets the "Grade 11 Science" criteria for graduation.

This is an introductory course in the study of living things. Topics include studies of microorganisms, plants, animals, classification of living organisms, adaptation and evolution. Laboratory activities including dissections are involved.

Pre-requisite: Science 10

ANATOMY and PHYSIOLOGY 12 (formerly Biology 12)

This course meets the "Grade 11 Science" criteria for graduation.

This course investigates how the human body works starting with the cell and working up to full body systems. Body systems studied include: digestive, circulatory, respiratory, nervous, urinary, and reproductive systems. This course has a lab component including a fetal pig dissection.

Pre-requisite: Science 10

CHEMISTRY 11

This course meets the "Grade 11 Science" criteria for graduation.

This is a general chemistry course. Topics include: safety in the chemistry lab, atoms and molecules, the mole concept, chemical reactions, solution chemistry, and organic chemistry. Evaluation will include lab work, quizzes, assignments, and tests. Chemistry 11 is a prerequisite to further studies in the field of science, technology, and medicine. **Scientific calculator needed.**

Pre-requisite: Science 10

CHEMISTRY 12

Topics include: Reaction Rates, Equilibrium, Solubility, Acids, Bases, and Electrochemistry. Evaluation will include lab work, quizzes, assignments, and tests. **Scientific calculator needed.**

Pre-requisite: Chemistry 11 and Foundations of Math 11 or Pre-Calculus 11

PHYSICS 11

This course meets the "Grade 11 Science" criteria for graduation.

This is an introductory, student-based lab course that is designed to help students visualize and understand many of the "scientific" principles involved in events occurring daily in our lives. Some of the topics covered are: Kinematics (the study of moving things), the study of the behaviour of light and sound and special relativity. Physics 11 is an essential prerequisite for further academic studies and career training in the fields of science, engineering, technology, and medicine. Students selecting Physics 11 should have a reasonable background in Mathematics.

Scientific calculator needed.

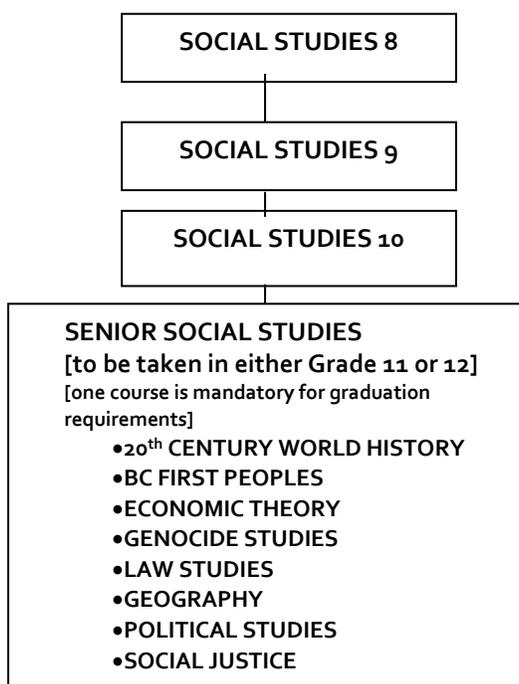
Pre-requisite: Science 10

PHYSICS 12

Physics 12 helps to strengthen the background for students who may be pursuing further academic studies and career training in the fields of science, engineering, technology, and medicine. Physics 12 involves investigation of the facts, laws, principles, theories, and language of physics. This course is the study of classical mechanics and electromagnetism and is designed to help students develop analytical and problem-solving skills. It provides opportunities to understand and apply principles and concepts of physics to various daily situations. **Scientific calculator needed. Pre-requisite: Physics 11**

Recommendation: A solid standing in Physics 11

SOCIAL STUDIES



SOCIAL STUDIES 9 Social Studies will look at political, social, and economic change from 1750 to 1919. This course includes the study of: Canada's search for Responsible Government, Canada becoming a modern nation (Confederation), First Nations (Imperialism Colonization), Industrialization and Technological Advancements, Revolutions and Rebellions around the World, the Victorian Era, and World Conflicts including World War One. Social

Studies will also examine discriminatory policies, attitudes, and historical wrongs during this time period. Physical Geography is important as we seek to understand Geographic Regions, Natural Resources, and Economic Activities in Canada.

SOCIAL STUDIES 10

Social Studies 10 explores Canada's development into an autonomous nation from the end of World War I to present day. You will learn about Canada's contribution to world wars, the Great Depression, and the Cold War. We will discover how global and regional conflicts have been a powerful force in shaping our contemporary world and identities and we will explore how the development of political institutions is influenced by economic, social, ideological, and geographic factors. Canada's development has been filled with historical and contemporary injustices and they have led to Canada as an inclusive, multicultural society of today. We will examine how human environmental interactions have led to global issues such as natural resources, climate change and standards of living. Students completing Social Studies 10 will have a sense of their own place in Canada's past and present, and their role in shaping the future. **Pre-requisite: Social Studies 9**

**To satisfy your MANDATORY Senior Social Studies credit,
please see chart above for the selection of courses
and below for the course descriptions.**

Senior Social Studies

20th CENTURY WORLD HISTORY

This course meets the Social Studies graduation requirement and is also a Grade 11 and 12 elective.

How did Russia become communist? What about China? How did Hitler come to power in Germany? How was equal civil rights obtained in the US, South Africa, and India? Ever want to know more about the World War's in detail? The 20th Century World History is a course that looks at the time period of the 1900's from a global perspective. Through projects and movies, we will explore changing technology, imperialism and changing political systems. Students will learn about world conflicts including WWI, WWII, Korean War, and Vietnam War. This course is designed to give you a well-rounded background in twentieth century history, which will inform you how our world came to its current state.

Pre-requisite: Social Studies 10

BC FIRST PEOPLES

This course meets the Social Studies graduation requirement and is also a Grade 11 and 12 elective. This course also meets the graduation requirement of completing 4 credits in Indigenous-focused coursework.

This course has been designed for **all students**, regardless of their cultural heritage or background. This course focuses on the diversity, depth, and integrity of the cultures of British Columbia's First Peoples. The course provides an opportunity for BC students to acquire knowledge and understanding of the traditions, history, and present realities of BC First Peoples, both in the class and on participatory field trips. It provides a conceptual foundation for learners to develop an appreciation and respect for similarities and differences among the diverse Aboriginal cultures of the world. It also focuses on the experiences and perspectives of local First Nations and Métis, with the inclusion of guest speakers and cultural presentations by community members. **Pre-requisite: Social Studies 10**

ECONOMIC THEORY ☆ (can either be a Senior Social Studies credit or Applied Skills credit, but not both)

This course meets the Social Studies graduation requirement and is also a Grade 11 and 12 elective.

Would be of particular interest to students interested in pursuing a Business program. The course looks at how economic systems are influenced by the political systems of various countries and how micro and macro economic decisions can affect individuals as well as countries. Using an online simulation game, students will also get the opportunity to develop their own political and economic system and interact with classmates to try to gain control of their evolving country by manipulating its land, assets, and monetary system to gain more status points than their classmates. This is a fun, interactive way to explore the interconnection between politics and economics. **Pre-requisite: Social Studies 10**

GENOCIDE STUDIES

This course meets the Social Studies graduation requirement and is also a Grade 11 and 12 elective.

This course will allow for a single fundamental focus, genocide in the 20th and 21st centuries, using the Holocaust as a blueprint. By building expertise on the topic of genocide, students will be able to draw comparisons, analyses, and take action(s) to create awareness. Students will also gain the opportunity to examine genocides in Cambodia, Rwanda, Darfur, and others. While the human capacity for evil in committing genocide will be explored, students will have an opportunity to examine how the world has worked to overcome and deal with genocide - from war crime trials, international intervention, to memorials and museums. **Pre-requisite: Social Studies 10**

LAW STUDIES

This course meets the Social Studies graduation requirement and is also a Grade 11 and 12 elective.

Planning to get married? Witness to a crime? Called for Jury duty? Landlord-tenancy problem? Trouble with a neighbour? Want to see a trial in action?

Law is an essential part of Canada's cultures; without it, we could not function effectively in our daily lives. This personal law course provides an opportunity to develop a broad knowledge and understanding of Law. Topics include: how laws are made, how the courts work, the Charter of Rights and Freedoms, criminal law, family law, contract law, tort law and the Youth Criminal Justice Act. As well, we will discuss issues such as capital punishment, parole, and women and the law. Activities include mock trials and debates. **Pre-requisite: Social Studies 10**

POLITICAL STUDIES

This course meets the Social Studies graduation requirement and is also a Grade 11 and 12 elective.

Do you think you can't make a difference in politics? Are you frustrated by politicians saying one thing and doing another? Don't be! Take Civic Studies and Political Action to get involved in learning how to influence change in your community, your province, and the world. Students will learn about how political decisions are made and how to be informed as an engaged citizen. In addition to Canadian politics and First Nations Government, students will also learn about the different types of political systems and electoral systems around the world. Together we will learn about power and politics from a global perspective in order to become empowered to effect change. **Pre-requisite: Social Studies 10**

SOCIAL JUSTICE

This course meets the Social Studies 11 graduation requirement and is also a Grade 11 and 12 elective.

What is social justice? Social Justice is the assurance that the basic human rights of all people are upheld. Examine social justice issues such as racism, homophobia, sexism, poverty, and globalization. This course will offer you the opportunity to look at the causes and consequences of oppression and injustice, both in Canada and globally. Challenge yourself to be an educated, fair, and open-minded global citizen! This is a project and research-based course.

Pre-requisite: Social Studies 10

LANGUAGES

"To have another language is to possess a second soul." – Charlemagne

FRENCH

French is the second official language of Canada and is spoken on five continents. It is also an official language of the United Nations, the Olympics, NATO, UNICEF, and the International Red Cross. Students with a working knowledge of French are in a better position to take advantage of job and educational opportunities both in Canada and overseas.

FRENCH 9

French 9 further develops basic skills learned in French 8. Students learn through speaking, listening, drama (*Veux-tu danser?*), rhymes and songs, as well as reading and writing involving lots of partner work.

Pre-requisite: French 8 or permission of the teacher

FRENCH 10

By the end of Core French 10 students are able to maintain simple conversations. Written work will become better as students learn to master past tenses and use more complicated descriptions. Active participation in class, including the willingness to speak the language frequently (despite mistakes), is essential. Students who have completed French 10 may be eligible for the YMCA summer-work exchange program.

Pre-requisite: French 9 or permission of the teacher

FRENCH 11

Core French 11 is a demanding and fast-paced course. This is the year where students really start to sound authentic as they learn to use more varied tenses (past, present, and future) and idiomatic expressions. Active participation in class, including the willingness to speak the language frequently (despite mistakes) and daily review of newly learned material are essential. Having a good French-English dictionary will be useful. Students who have completed French 11 may be eligible for the YMCA summer-work exchange program or the Explore bursary program. **Pre-requisite:**

French 10 or permission of the teacher

FRENCH 12

Students will further develop their listening and speaking skills, reading comprehension of more complicated texts and written production. There will be added emphasis on approaching more authentic pronunciation. Having a good French-English dictionary is essential. **Pre-requisite: French 11 or permission of the teacher**

SPANISH

Spanish is the language of Spain and much of South and Central America, increasingly popular tourist destinations for Canadians. Knowledge of this language also gives an "edge" to job seekers.

SPANISH 11 (INTRODUCTORY)

This introductory course is open to Grade 10, 11 and 12 students.

SPANISH 11

This course continues where Beginners Spanish leaves off.

Recommendation: Introductory to Spanish with a mark of C+ or higher

SPANISH 12

Communication gets real as verbs and vocabulary become increasingly complex. Applicants must have independent study skills and a solid foundation from Spanish 11, as this is mainly an independent course, which runs at the same time as Spanish 11.

Pre-requisite: Spanish 11 with a mark of B or higher, and Teacher recommendation

JAPANESE

JAPANESE 11 (INTRODUCTORY) (open to Grade 10, 11 and 12 students)

Do you like anime and manga? Do you wish that you could read and understand what your favourite characters are saying without subtitles? This is a good place to start! This course will be your introduction to the three writing systems and where you will practice your conversational Japanese. Interested in learning more about Japanese history and culture? Well, look no further! Not only will you learn how to read, write, and speak Japanese at an introductory level, but also you will be exposed to a variety of cultural and historical insights that will add context to your language learning.

PHYSICAL and HEALTH EDUCATION

[Please note that gym strip is required...shorts and a T-shirt, sweatpants for fall and winter and appropriate footwear. During this block, you will need a lock for your gym locker]

PE 9

is sequential and emphasizes skill development, physical activity, and health education. Students will be exposed to a selection of team games that will focus on participation, as well as physical and social skills development. The students will also participate in some individual activities that will teach personal fitness and self-motivation. Active health will be part of the curriculum.

PE 10

is a transitional program, which continues to develop skills, strategies and knowledge highlighted in Grade 9. Emphasis is continued to be placed on active participation and skill development. First Aid and active health will be part of the curriculum. **This course is mandatory for graduation.**

ACTIVE LIVING 11 (formerly PE 11)

COST: \$45.00

is a senior co-ed elective, which may be taken in either Grade 11 or 12. The primary objective of PE 11 is to expose the student to lifetime activities. Emphasis is placed on active participation and enjoyment rather than skill development.

ACTIVE LIVING 12 (formerly PE 12)

COST: \$45.00

is a senior co-ed elective whose aim is to enhance the student's interest in lifetime activity. Decisions regarding lifestyles will be discussed with a focus on maintaining high standards of personal health and fitness. Concepts of leadership, community service, and fair play will be taught, and opportunities will be provided to allow students to practice and develop skills in these areas. Students must be willing to contribute 10 community service hours.

GIRLS' ONLY FITNESS

GIRLS IN MOTION 11 and 12

COST: \$45.00

Along with providing regular physical activity, this class will examine a student's approach to health, physical well-being and nutritious eating habits. The program is divided into three areas: aerobic activity, body awareness and nutrition. Though the activities covered in this program, it is hoped students will change the way they treat their bodies, have more energy, and feel terrific about themselves. This class has been deemed an enhancement program and may tour fitness facilities in the community and have specialty instructors brought in as guests.

- **Aerobic Activity:** To improve cardio, the following units may be taught: aquasize, step class, spin class, fencing, kick boxing, tae bo, circuit training, run club, agility ladder, hiking, skipping, plyometrics and cross-country skiing.
- **Body Awareness:** To improve body flexibility, toning, core strength, balance and overall body alignment, the following equipment may be used: Swedish Ball, basic ball, tubing, free weights, and medicine ball. To improve flexibility, Ashtanga and Power Yoga will be taught as well as Pilates and fusion.
- **Nutrition:** We will be discussing healthy food choices and preparing drinks and snacks.

HUMAN PERFORMANCE

HUMAN PERFORMANCE 11 and 12

Human Performance 11 and 12 is for students who wish to further their physical potential through a structured fitness program. The course goal is to create excellence through personal achievement. High performance training will focus on the areas of strength, power, flexibility, agility, and endurance. The benefits to the individual student will be

increased self-confidence and improved physical ability, lesser risk of injury and an increase in knowledge of personal health. Evaluation will be based on performance improvement, proper training, techniques, organization, and motivation as well as theory components in the health and fitness fields and peer tutoring of our younger student athletes. **This course can only be taken twice. You will receive a total of 8 credits for these two courses.**

SPORTS SPECIFIC CLASSES

SPORTS SPECIFIC TRAINING 10: BASKETBALL

COST: \$40.00

This course should only be taken once, as you cannot obtain another 4 credits for this course.

The focus of this course is to develop each student's fundamental basketball skills, such as shooting, passing, and dribbling, among others. Other areas of development will include team play, game play and defensive skills. In addition, the course will also focus on sport-specific training, such as footwork, foot speed, plyometrics and nutrition, with the goal of improving each student's overall athleticism. There will also be several days throughout the course that we will play another sport, mainly as a means of fitness and learning how concepts in basketball are related to other sports, and vice versa.

This course does not replace the mandatory "PE 10" requirement.

Pre-requisite: must have received a final mark of 'B' or higher in last PE course taken.

SPORTS SPECIFIC TRAINING ELITE 11: BASKETBALL

COST: \$40.00

This course should only be taken once, as you cannot obtain another 4 credits for this course.

Sports Specific Training Elite is an in-depth course designed to give students an elite level of training through drills, fundamentals, plyometrics and experience in specific sports, namely basketball. Students will transition from the foundation provided in Sports Specific Training 10 into this course and can expect to be exposed to a more elite level of training and basketball experience. The focus of this course is to build on the fundamentals of Sports Specific Training 10 and expand into various aspects such as plyometric training for speed, agility and jumping ability, as well as learning how to "think the game", while learning a variety of team offences, defences, presses, set plays, and more. In addition, students will be exposed to "next level" coaching and instruction, as they will take part in field trips to observe practices and instruction at TRU by current University coaches and players. Students will also have access to a variety of guest speakers, such as current and alumni TRU players and coaches, and well-known community figures in the sport of basketball.

Pre-requisite: Sports Specific Training 10: Basketball

SPORTS SPECIFIC TRAINING 10: FOOTBALL

COST: \$40.00

This course does not replace the mandatory "PE 10" requirement.

SPORTS SPECIFIC ELITE 11: FOOTBALL

COST: \$40.00

Football is a course that will prepare students physically and mentally to be at their best as athletes in regard to playing football. As an athlete, they will participate in a performance-training regime that includes free-weight Olympic lifts, flexibility, speed, and agility training. It will also help students understand and apply the psychological, mechanical, and nutritional principles that lead to performance, develop their flexibility, speed, agility, and explosive strength to their maximum potential as their bodies mature. Testing will occur to monitor the development of each student's explosive capacity, change of direction, acceleration, and flat-out speed. Students will be familiarized with the theory behind their performance training throughout the course.

****Students can choose either Basketball or Football – not both****

FINE ARTS

[☆ - indicates Fine Arts 4 credit course for 10, 11 and 12 only. Remember you will need an Applied Skills course or a Fine Arts course to fulfill the graduation requirements set by the Ministry of Education to graduate]

VISUAL ARTS

VISUAL ARTS 9

COST: \$25.00

This developmental Art course continues with work explored in Art 8. Students will gain skill in drawing, painting, printmaking, and sculpture. Sketchbook and basic drawing materials as set by the teacher are needed.

Recommendation: an interest in Art

ART STUDIO 10 (General) ☆

COST: \$25.00

In Art Studio 10, students move beyond the basic techniques and media and explore a variety of new materials in non-traditional ways. Students continue to develop advanced techniques in both 2-D and 3-D media and learn about image development in both personal and social contexts. Sketchbook and basic drawing materials as set by the teacher are needed. **Recommendation: an interest in Art**

STUDIO ARTS 2D 10 (Drawing/Painting) ☆

COST: \$25.00

This course is for students who would like to concentrate on drawing and painting and develop these skills further. Students will be introduced to different types of graphite pencils and will experiment with a variety of other drawing and painting materials (charcoal, ink, watercolour, acrylic, etc.). Students also need to bring a sketchbook and basic drawing materials. **Recommendation: a strong interest in Drawing**

STUDIO ARTS 3D 10 (Sculpture) ☆

COST: \$35.00

This course is intended for students interested in 3-dimensional art forms. Media could include clay, wire, paper, and mixed media. Media could also include ceramic glaze, underglaze, and other finishing materials. **Recommendation: a strong interest in 3-dimensional art forms, and no fear of "getting messy" or working large.**

ART STUDIO 11 (General) ☆

COST: \$25.00

Art Studio 11 is open to all Grade 11 and 12 students, with or without previous Art experience. Students will learn activities designed to fit both introductory and advanced levels. Students will explore drawing, painting, graphics, and sculpture. Art theory and history are taught through hands-on projects. Sketchbook and basic drawing materials as set by the teacher are needed.

Recommendation: previous Art experience and an interest in Art

ART STUDIO 12 (General) ☆

COST: \$25.00

Art Studio 12 is an advanced art course that requires students to "think outside the box". Students may work both collaboratively and independently on extensive projects in a variety of 2-D and 3-D media. During the final term, the student arranges with the instructor to develop skills in a particular medium or process. Goals are established and a study plan developed. Sketchbook and basic drawing materials as set by the teacher are needed.

Students with little or no experience in art should enrol in Art Studio 11 instead of Art Studio 12.

Pre-requisite: The student must have passed any Grade 11 level art course.

STUDIO ARTS 2D 11 (Drawing/Painting) ☆

STUDIO ARTS 2D 12 (Drawing/Painting) ☆

COST: \$25.00

This course is an advanced Art course that teaches drawing and painting in a variety of media, such as watercolour, pen and ink, graphite, acrylic, soft pastel, etc. Students planning careers in visual art or related fields, such as fashion design, architecture, or animation, should take this course. Students need to bring sketchbook and basic drawing materials.

Pre-requisite: Must pass Studio Arts 2D 11 in order to take Studio Arts 2D 12

GRAPHIC ARTS 11 (Printmaking) ☆

GRAPHIC ARTS 12 (Printmaking) ☆

COST: \$35.00

These specialty Art courses are for students interested in Graphic Arts. Techniques include screen-printing, airbrushing, linocuts, monoprinting and computer graphics. Students planning careers in the printing industry, web

design, advertising, sign painting, and other graphic art fields should take this course. Students need to bring a sketchbook and other basic drawing materials.

Pre-requisite: Must pass Graphic Arts 11 in order to enrol in Graphic Arts 12

STUDIO ARTS 3D 11 (Sculpture) ☆

COST: \$35.00

STUDIO ARTS 3D 12 (Sculpture) ☆

COST: \$35.00

These are advanced courses for students interested in 3-dimensional art forms. Media may include traditional sculpting materials, such as clay, metal and stone, as well as non-traditional materials, such as chicken wire, wood, plastics, paper and just about every other material one can imagine. Students interested in pursuing Art, 3-D animation, or other related careers, should take these courses.

Pre-requisite: Must pass Studio Arts 3D 11 (Sculpture 11) in order to enrol in Studio Arts 3D 12 (Sculpture 12).

Photography

PHOTOGRAPHY 10 ☆

COST: \$45.00

This course is an introduction to photography from darkroom to digital. Students will build pinhole cameras, take, develop, and enlarge film photographs in our darkroom, and use digital cameras or cell phone cameras to work with digital photography and the basics of composition. Students will also learn some introductory techniques of photo editing and digital imaging and will be expected to put these skills to use on various field trips. **Recommended:** a 35 mm camera (second-hand camera can be purchased locally) and digital camera. School cameras are also available on a sign-out basis.

PHOTOGRAPHY 11 ☆

COST: \$45.00

This course is an extension of Photography 10, but there is no prerequisite. Students will improve on their skills in developing black and white photos and build on their understanding of basic and advanced photographic composition, photo editing and digital imaging. Opportunities to work on these skills will be provided on various field trips. **Recommended:** a 35 mm manual camera (second-hand camera can be purchased locally) and digital camera. School cameras are also available on a sign-out basis.

PHOTOGRAPHY 12 ☆

COST: \$45.00

Successful completion of Photography 11 is a prerequisite for Photo 12. In Photo 12, Students will continue to work with darkroom and digital technology, but they will be expected to work more independently and to demonstrate strong understanding of photo composition, theory, and processes. Students in Photo 12 should be starting to develop personal preferences in terms of style and subject and will have various project-based opportunities to pursue these interests. **Strongly Recommended:** a 35 mm manual camera (second-hand camera can be purchased locally) and/or digital camera. School cameras are also available on a sign-out basis.

DRAMA Acting

DRAMA 9

This developmental drama course will continue the work explored in Drama 8 with emphasis on theatre skills. Suitable work may be presented to an audience. Some out-of-class time is expected.

Recommendation: Drama 8 is not required but would be an asset

DRAMA 10 ☆

Although there is no prerequisite, Drama 9 is recommended as a transitional course. The main theme remains the student's personal development, but the study of theatre and the craft of acting receives the major emphasis. During the year, each student will prepare and present memorized scripts. Students require personal self-discipline. Some out-of-class time is expected.

Recommendation: Drama 9 and strong skills in working effectively with others

DRAMA 11 ☆

Drama 11 is a course focused in such areas as introduction to the history of the theatre, play discussions, scene evaluations and production work. Emphasis is on acquiring and developing practical acting skills. When group work is in progress, students are expected to work constructively while the director works with each group in turn. Suitable scenes and plays will be presented before the public.

Recommendation: a strong interest in Drama is required

DRAMA 12 ☆

Drama 12 is an advanced acting course, which is designed to meet the needs of serious performing arts students. Besides further development of skills explored in Acting 11, emphasis is concentrated on advanced individual techniques and performances. Students will explore the historical development of theatre, plays and scenes of different periods. Assignments include styles in acting, as well as comic technique.

Pre-requisite: Drama 11 per Teacher approval

Theatre Production

THEATRE PRODUCTION 11 ☆

THEATRE PRODUCTION 12 ☆

This is a program designed to give a broad general knowledge of the technical requirements of theatre. Areas covered will include: lighting, sound, set design, set construction, scene painting props, costumes, and makeup. The practical aspects will be stressed. Students will be involved in productions – making the sets, props, costumes and working backstage. It is preferred that students have background in at least one of the following areas: drama, art, construction, sewing, woodwork or drafting. **Students must have a high degree of self-discipline and must also be capable of working independently.** Involvement requires the instructor's approval. Theatre Production students will form the backstage crew during presentation of plays. Theatre Production 12 students will be expected to play a leadership role in the drama program, as well as participating in independent projects and small group instruction.

OUT OF CLASS TIME IS REQUIRED: Students must be willing to commit to this course. Effective skills in working with others, is essential. Attendance is a factor in evaluation.

Recommendation for Theatre Production 11: a good background in Drama

Pre-requisite for Theatre Production 12: Drama 11

Recommendation for Theatre Production 12: Drama 12 is encouraged

MUSIC

Our aim in the music program is to develop well-rounded musicians! We focus on building excellence, appreciation, and enjoyment in our students, both as performers and as audience members.

All music students are required to participate in any necessary out-of-class rehearsals, performances, and related activities. Regular home practice is required in order to maintain the program's standard of excellence. Written assignments may occasionally be required. Daily planners or agenda books are essential for success!

Students enrolling in band should choose a section appropriate to their level of ability. The following descriptions can be used as a general guide to the selection of an appropriate section. Students who are unsure about this selection should consult the Music Director, Mr. Heal.

Band

MUSIC 9: CONCERT BAND

Experienced players are invited to be a part of this ensemble.

One to three years experience on a band instrument they wish to study.

MUSIC 10: CONCERT BAND ☆

MUSIC 11: CONCERT BAND ☆

MUSIC 12: CONCERT BAND ☆

Pre-requisite: More than two years experience on a band instrument is required

Music 10: Concert Band – must have Music 9: Concert Band

Music 11: Concert Band - must have Music 10: Concert Band

Music 12: Concert Band – must have Music 11: Concert Band

*All concert band courses at Westsyde offer class instruction on band instruments excluding guitar and the keyboard. This instruction emphasizes performance skills, musicality, and technique. Students **will be required to attend and perform in various shows and concerts.***

EQUIPMENT REQUIRED: Instrument, 3-ring binder, method book and Agenda Book. Students who do not have their own instrument can rent one from the school **at a cost of \$45.00 for each semester.** Percussionists are required to have their own sticks, mallets and practice pad/bell set for use at home.

Guitar

MUSIC 10: GUITAR ☆

MUSIC 11: GUITAR ☆

MUSIC 12: GUITAR ☆

NOTE: Students need to have their own guitar.

This course is intended to give students who wish to study guitar at any level, a solid, well-structured overview of various guitar-playing techniques including folk, classical, rock and jazz. All students will be expected to provide their own instrument. A fundamental history of plucked lute and guitar-like instruments throughout the world will be used as an introduction to the practical aspects of playing. An appreciation of assorted styles will be encouraged through an intensive daily listening segment.

Students will be taught to play from chords, chord symbols, classic notation, and guitar tablature. Students will learn to play bass lines in styles such as rock, country, funk, bossa nova, blues, and jazz. The course will include music theory covering rhythm, scales, modes, and chord structures.

All students will be expected to write basic tunes and songs and will perform for an audience in either solo or ensemble situations. Opportunities will be provided for students to record and mix their performances and compositions. Upon early assessment, those who have extraordinary skills will be expected to share them with the class to receive the highest grades.

Time will be provided for individual study and group ensemble work, but not to the detriment of other students.

Enrichment will include guest performers, teachers, and encouragement to attend concerts and festivals. Students will be provided with a thorough overview of employment opportunities in the music industry.

Courses Taken Off Timetable

[4 credits given for each Grades 10-12 course taken]

Jazz Band 9 ☆

Jazz Band 10 ☆

Jazz Band 11 ☆

Jazz Band 12 ☆

Choir 9: Vocal Jazz

Choir 10: Vocal Jazz

Choir 11: Vocal Jazz

Choir 12: Vocal Jazz

Jazz Band and Jazz Choir at Westsyde Secondary are Premiere Performance Groups. Many students enjoy being part of these exciting performing groups and they fill up quickly. These courses are taken off timetable. Students need to be aware that rehearsals run year long twice every week at 7:00 am.

These courses are part of our dynamic Performing Arts Department so some extra rehearsals will come up throughout the year. Jazz Band and Choir (Vocal Jazz) provide instruction in many commercial music areas including: Jazz, Bebop, Rock, R & B and the Blues. Students also study improvisation and soloing techniques. Both jazz groups will be involved in performance-oriented training schedules, with a possibility of festival competition experience. Please note that students may need to miss some school for travel and tour reasons.

Pre-requisites: Jazz Band 12 – you need Jazz Band 11

Choir 12: Vocal Jazz - you need Choir 11: Vocal Jazz

APPLIED SKILLS

[☆ - indicates Applied Skills 4-credit course for 10, 11 and 12 only. Remember you will need an Applied Skills course or a Fine Arts course to fulfill the graduation requirements set by the Ministry of Education to graduate]

Computer Animation

COMPUTER ANIMATION 9 & COMPUTER ANIMATION 10 ☆

No experience necessary! Just let your creative side loose on the computer! In this course, you will learn to construct various three-dimensional characters and backgrounds, add movement to them and create mini animations. It is fun, challenging, and leading edge! It is a great place to explore a career in the ever-growing world of animation and graphic design.

COMPUTER ANIMATION 11 & COMPUTER ANIMATION 12 ☆

Tap into your creative side and explore the world of animation. In this course, students will explore all aspects of computer animation – from storyboard development to the final animation presentation. Students will work both independently and as part of a team, to generate various three-dimensional objects/characters – apply movements to them – and develop full animation. It is the melding of graphic design and computer technology that is fun, challenging, and leading edge.

Business

ACCOUNTING 11 ☆

If you want to understand your personal finances better, then Accounting 11 is the course for you. This course will introduce you to sound financial decision-making based on financial documents. Concepts such as the accounting equation and the preparation process of financial documents will be taught.

ACCOUNTING 12 ☆

If you have an interest in owning or operating a business, then Accounting 12 is the course for you. This course is a continuation of the concepts introduced in Accounting 11. Beyond this, Accounting 12 will introduce the concepts of payroll management, inventory systems, detailed ledger accounts and specialized journals.

Pre-requisite: Accounting 11

ECONOMIC THEORY ☆ (can either be a Senior Social Studies credit or Applied Skills credit, but not both)

This course meets the Social Studies graduation requirement and is also a Grade 11 and 12 elective.

Would be of particular interest to students interested in pursuing a Business program. The course looks at how economic systems are influenced by the political systems of various countries and how micro and macro economic decisions can affect individuals as well as countries. Using an online simulation game, students will also get the opportunity to develop their own political and economic system and interact with classmates to try to gain control of their evolving country by manipulating its land, assets, and monetary system to gain more status points than their classmates. This is a fun, interactive way to explore the interconnection between politics and economics. **Pre-**

requisite: Social Studies 10

HOME ECONOMICS

Textiles

TEXTILES 9

COST: \$35.00

This course is designed for students who want to learn to sew or improve their skills. Students will have the opportunity to create a variety of small crafts as well as larger projects or garments of their choice.

TEXTILES 10 ☆

COST: \$35.00

This course is designed for students who want to learn to sew or improve their skills. Students will have the opportunity to create a variety of small crafts as well as larger projects or garments of their choice. Students will further their knowledge of fabrics, commercial patterns, fitting techniques, and fashion design.

TEXTILES 11 ☆

COST: \$35.00

This course is designed for students who want to learn to sew or improve their skills. Students will have the opportunity to create a variety of small crafts as well as larger projects or garments of their choice. Students will be able to refine skills learned in previous classes including fibre arts and crafts.

TEXTILES 12 ☆

COST: \$35.00

This course is designed for students who want to learn to sew or improve their skills. Students will have the opportunity to create a variety of small crafts as well as larger projects or garments of their choice. Students will further their work with commercial patterns and refine garment construction techniques

Foods

FOOD STUDIES 9

COST: \$35.00

This is an introductory course exploring many areas of food preparation. Labs will give students a chance to develop their skills. Theory section will help students make sound food choices for better health and more energy.

FOOD STUDIES 10 ☆

COST: \$35.00

This course explores food preparation and eating patterns in various countries. Students will prepare regional foods of Canada and a selection of international recipes.

NOTE: A student cannot take Foods 9 and Foods 10 in the same school year.

FOOD STUDIES 11 ☆

COST: \$45.00

Food Studies 11 takes an in-depth look at food and food choices. Students will learn about nutrition, budgeting, shopping and the environmental impact of food choices, vegetarian diets, and information about food additives.

FOOD STUDIES 12 ☆

COST: \$45.00

Food Studies 12 (International Foods) explores the food choices of countries around the world. Students will explore how geography, climate, cultures, and religion impact the food habits of foreign countries. These courses will be taught alternately. A student should not select both Food Studies 11 and Food Studies 12 courses in the same school year.

APPLIED TECHNOLOGY

Students will be provided with the materials necessary to achieve the course learning outcomes. These materials will be considered the property of the school, unless purchased by the students. To make a different project than the one prescribed by the teacher, prior approval and the cost of the project must be obtained and paid for.

TECHNOLOGY EXPLORATIONS 9/10

COST: \$25.00

This Technology Education course will explore the design of items that shape our world. Several different materials and processes will be explored in order to ideate, prototype, troubleshoot and manufacture projects. Explorations 9/10 will work with hand tools, power tools and shop equipment. Some equipment may include Wood shop, Metal shop, mechanics shop and Technology lab equipment. Technology lab equipment may include 3D printing, laser cutting/engraving, Vinyl cutters, CNC plasma, plotters, and the related software.

METAL

METALWORK 9

COST: \$35.00

This is an introductory level course. Students will be introduced to the following machines and processes: layout, design, welding, cutting, grinding, sandblasting, drilling, and painting. Students will be provided with the materials necessary to achieve the course learning outcomes. These materials will be considered the property of the school, unless purchased by the student.

METALWORK 10 ☆

COST: \$45.00

Emphasis will be put on design of a project and then the accurate production of it. Students will learn a higher level of the following processes: design, sand casting, layout, welding, cutting, grinding, sandblasting, drilling, lathing, milling, painting, and some wiring of an electric circuit. Students will be provided with the materials necessary to achieve the course learning outcomes. These materials will be considered to be the property of the school, unless purchased by the student. *This is an introductory level project-oriented shop course with some shop labs required. Projects will include the following machines or processes: bench work, drill press, lathe work, welding, and foundry.*

METALWORK 11 ☆

COST: \$45.00

This course follows Metalwork 10 course. In the first term students will work in groups on a “mass” production project emphasizing accuracy to plans, learning the process of a manufacturing shop using all of the machines in the shop, as well as processes necessary to achieve a final product. Students will be provided with the materials necessary to achieve the course learning outcomes. These materials will be considered the property of the school, unless purchased by the student.

Pre-requisite: Metalwork 10

METALWORK 12 ☆

COST: \$45.00

In the final level of metalworking at the school, students will be able to plan and build a self-directed project (or more) of their own choosing. This project will incorporate the use of any/all of the shop machinery. Students will also be required to do small, mandatory projects and process' to increase their learning in the class. All materials will be considered the property of the school, unless purchased by the student.

Pre-requisite: Metalwork 11

WOODWORK / CONSTRUCTION

WOODWORK 9

COST: \$35.00

This course includes: project planning and design (bill of materials, material estimation and workshop drawings); wood lathe work (spindle turning); safety procedures on planer and jointer, table saw, radial arm saw, band saw and drill press, hand tool usage; practical project work (assigned, student initiated) – students design and construct projects of their choice; wood finishing techniques.

WOODWORK 10 ☆

COST: \$45.00

This course includes: project planning and design (bill of materials, material estimation and workshop drawings); wood lathe work (spindle turning); safety procedures on planer and jointer, table saw, radial arm saw, band saw and drill press, hand tool usage; practical project work (assigned, student initiated) – students design and construct projects of their choice; wood finishing techniques.

WOODWORK 11 ☆

COST: \$45.00

This course includes: safety in all practical power tool applications, table saw, radical saw, thickness planer, jointer, drill press; project planning and design; project construction (assigned, student initiated) – students design and construct projects of their choice.

Pre-requisite: Woodwork 10

WOODWORK 12 ☆

COST: \$45.00

This course includes major project planning and construction as well as a small, assigned project.

Pre-requisite: Woodwork 11

ART METAL

ART METAL 11

COST: \$40.00

This course is a combination of the arts and technology. Students, in discussion with the instructor, may explore beyond the basic and traditional metal shop skills. Activities may include design and work in: stained glass, jewellery, fusion glass, art metal, sculpture, clay casting, casting and lapidary.

ART METAL & JEWELLERY 12 ☆

COST: \$40.00

Students will further the skills learned in previous Art Metal courses. Activities may include design and work in: stained glass, jewellery, fusion glass, art metal, sculpture, clay casting, casting and lapidary. No pre-requisite is required.

AUTOMOTIVE

NOTE: STUDENTS MUST PAY FOR ALL MATERIALS USED ON THEIR OWN CARS/TRUCKS BEFORE USING ANY SCHOOL MATERIALS.

POWER TECHNOLOGY 10 (Mechanics) ☆

COST: \$25.00

An introduction course for those students interested in taking Automotive Technology 11 and 12. This course examines sources of power including internal and external combustion engines. The disassembly, inspection, and successful reassembly of small 2 and 4 stroke engines will enable them to gain proficiency with safe use of hand tools

and with theory and operations. Maintenance and basic operational theory of the automobile will be included. Theory labs will count for 40% of your final mark and the remainder will be based on participation. Students are encouraged to bring in small motors from home, such as lawn mowers and chain saws, but this is not required.

AUTOMOTIVE TECHNOLOGY 11 ☆

COST: \$25.00

CAR CARE MAINTENANCE GIRLS 11 (For Girls Only) ☆

COST: \$25.00

This course is designed to familiarize students with the basic systems of modern vehicles by the means of written labs and hands-on experience. Students will be required to achieve a basic competency in the fundamental skills of automobile repair and maintenance life. Access to a vehicle is desirable but not required. Theory labs will count for 40% of your final mark and will cover tires, oil changes brakes engine components, and suspension system.

AUTOMOTIVE TECHNOLOGY 12 ☆

COST: \$25.00

Engines and Drivetrain 12 (Mechanics) ☆

COST: \$25.00

If you have taken Automotive Mechanics 12 and want an opportunity to get back into the auto ship, this class is for you. This automotive Technology course directs its focus on the principles and operation of modern engines and drivetrain. Your previous knowledge and practical experience in the principles of engine and drivetrain will be used to focus on advanced theoretical and comprehensive practical applications.

CAR CARE MAINTENANCE GIRLS 12 (For Girls Only) ☆

COST: \$25.00

This course is designed to familiarize students with more advanced systems of modern vehicles by the means of written lab work and hands-on experience student emphasis is placed on mastery of specific skills including automotive, electrical, fuel system, steering systems, transmission, and clutches. Theory and lab will count for 40% of your final mark and 60 % will be based on participation.

Recommendation: Access to a vehicle is desirable but not required.

SPECIALTY COURSES

Psychology

PSYCHOLOGY 11 and 12

Have you wondered how the brain works or why people act the way they do? Then, this course is for you! In this course, you will learn to understand yourself and others better. Content is delivered through projects, discussion, and hands on applications wherever possible. Topics vary from year to year and may include the following: the brain, mental disorders, dreaming and consciousness, criminal psychology, development, and counselling theories.

This course will be particularly useful or anyone planning for a career in counselling, health care, social work, or teaching. However, it is a fun and interesting course for anyone who has an interest in the field of Psychology.

The topics covered in this course alternate each year, allowing students to take the course twice in a two-year period. However, a student should not select this course twice in the same school year.

Leadership

LEADERSHIP 9, 10, 11 and 12

(This course runs year long and is taken off the timetable - Tuesday after school, Thursday at lunch)

NOTE: You will receive 4 credits each for Leadership 10, 11, and 12.

Society needs well-trained, ethical leaders. Good leaders are found in all aspects and areas of life and serve as models for their accomplishments. Academic institutions seek them out. Commercial enterprises support the growth of new leaders within their corporations. Student leaders are acknowledged by their schools. It is with these realities in mind that we believe secondary school students should be given the opportunity to develop and discover leadership values, attitudes, and skills. Leadership at Westsyde Secondary helps students develop personal

skills and positive attitudes, both of which will give students the opportunity to make a difference in their personal lives, their school, their jobs, and their community.

In this course students will gain practical experience working on Leadership projects which range from in-school events to community outreach, to service-learning opportunities. Students work collaboratively on projects where they must work on self-improvement, self-assessment, communication, and teamwork in order to achieve their task.

PLEASE NOTE: Marks in this course do not count towards Academic Honour Roll

Teacher Assistant

TEACHER ASSISTANT 11 and 12

At the request of a teacher, students in Grades 11 and 12 may work as an assistant with a teacher. Teachers wanting assistants will meet with students on an individual basis to discuss their expectations and requirements. If a student is interested in becoming a teacher assistant, they can get an application form from their counsellor in the Counselling Office. Completed forms must be handed in to the Counselling Office. Placement in Teachers Assistant courses occur after all students' schedules are completed. Therefore, students must select 8 courses when making their course selections. Course content will be determined by the individual teacher in conjunction with the District Board Authorized Teacher Assistant course.

PLEASE NOTE: Marks in this course do not count towards Academic Honour Roll

IDS

INDEPENDENT DIRECTED STUDY (IDS)

This is a course that students may apply to take. They need to have a teacher sponsor and an idea about an independent curricular project, which their sponsor will mentor and supervise. Once the project is completed and marked, students may use their remaining time for other purposes. This course is intended for student enrichment. If interested in this option, please see your counsellor for the IDS form which must be completed.

PLEASE NOTE: Marks in this course do not count towards Academic Honour Roll

LEARNING ASSISTANCE SERVICES

This program provides help to a broad range of students who are on the regular program of studies, but experience learning challenges. Students who need occasional help can drop by Room 8 at lunch, or after school. Students needing specific help may be timetabled into the LA room. Some of the services provided by LA include: assistance with academic courses; adapted learning materials; tutoring; word processing; organizational help; study skills; assignment tracking; test support and proof-reading. Parents are welcome to contact the teacher for further information.

POST SECONDARY INFORMATION

The information below is subject to change by the institutions. Students are advised to see a counsellor or university website for the most current information.

THOMPSON RIVERS UNIVERSITY (TRU)

General Admission requirements: BC High School Graduation

Each Program and course at TRU has specific requirements. Students should consult the TRU calendar for admission requirements for individual programs.

As the vast percentage of Westsyde Secondary Students attend TRU, it is particularly important that students make themselves aware of the specific requirements for the various courses and programs. Students are strongly advised to see a school counsellor or contact the TRU Advising Office to determine the appropriate high school courses required for specific programs.

TRU accepts applications for admission as of October 1st. Students are advised to begin the application process at that time as registration for most courses and programs is on a first-come, first-served basis.

OTHER INSTITUTIONS IN BC and CANADA

Admission varies depending on program chosen. Consult with your counsellors, University calendars or websites to obtain the exact requirements needed for specific programs. It is essential that students use the most current information as requirements change yearly.

DISTRICT PROGRAMS

YOUTH WORK IN TRADES (YWIT)

If you are employed or seeking employment where a qualified tradesperson (such as a chef, hairdresser, horticulturist, mechanic, or electrician) is involved in some capacity then you may be eligible for the YWIT program. Beyond the employment benefits, this YWIT program will offer the students the following:

- 16 credits (4 courses) for Grade 12 graduation
- 480 hours of work = 16 secondary school credits (work may be done at any time: weekends, holidays, school time)
- Work hours credited towards a regular apprenticeship (by the Government)
- A salary from employer introduces the student to the work environment as a paid employee
- May occur in combination with any other Trades and Technology Program
- \$1,000 SSA Scholarship Contingent upon a Grade 12 average of C+ or better, and completing 900 hours of work

[See Mr. Gremaud at WSS to find out the details on how to achieve these credits.]