



2026-2027

**Course Selection
Booklet**

COUGARS HAVE GRIT.



Barriere Secondary School

TABLE OF CONTENTS

PLANNING FOR GRADUATION.....	3
Grade 7, 8 and 9 Junior Overviews.....	5
GRADUATION PROGRAM (GRADES 10 – 12) OFFERINGS.....	6
English.....	6
Career Education.....	7
Mathematics.....	8
Science.....	10
Social Studies.....	12
Physical And Health Education.....	13
Languages.....	14
Business Education, Communication & Computer Studies.....	15
Home Economics And Culinary Arts.....	16
Technology Education.....	17
Visual Arts.....	18
Leadership.....	19
Tourism.....	20
Psychology.....	20
Alternate Credit Opportunities.....	21

Planning for Graduation

Each course is worth 4.0 credits.

	English 10 (will need 2 courses because only 2.0 credits each)
	Social Studies 10
	A Grade 10 Math course (FMP, WPM)
	Science 10
	PHE 10
	Career Life Education 10

	English 11
	A Socials 11 (or 12) course
	A Grade 11 Math course (PREC, FOM, WPM)
	A Science 11 (or 12) course

	English 12
	Career Life Connections 12
	Elective Grade 12:
	Elective Grade 12:

	Fine Art OR Applied Skill Elective 10/11/12:
	Elective Grade 10/11/12:
	Elective Grade 10/11/12:
	Elective Grade 10/11/12:
	Elective Grade 10/11/12:
	Elective Grade 10/11/12:

	Indigenous-Focused course
	Provincial Literacy 10 Assessment
	Provincial Numeracy 10 Assessment
	Provincial Literacy 12 Assessment

You need a MINIMUM of 80 credits to graduate.

Elective Options

Students can use any of the following as their electives:

Board/Authority Authorized courses

Post-secondary credits (TRU Start, YWIT, YTIT)

Independent Directed Studies

Additional Grade 10, 11 or 12 Ministry-Authorized courses

External Credentials (eg. Young Drivers course, 4H, etc.)

Junior Overview

GRADE 7

The courses for grade 7 are:

- English Language Arts
- Social Studies
- Mathematics
- Physical and Health Education
- Science
- Applied Design Skills and Technologies - Mosaic
- Arts Education
- Second Language

GRADE 8

The courses for grade 8 are:

- English Language Arts
- Social Studies
- Mathematics
- Physical and Health Education
- Science
- Applied Design Skills and Technologies – Mosaic
- Arts Education
- Second Language
- Career Education

GRADE 9

The courses for grade 9 are:

- English Language Arts
- Social Studies
- Mathematics
- Physical and Health Education
- Science
- Second Language
- Career Education
- Two (2) Electives (options include: Metalwork, Woodwork, Art and Foods)

Graduation Program (grades 10 – 12) Offerings

ENGLISH

In the English Language Arts students explore a variety of texts and engage in a variety of activities that allow us to develop skills in the areas of reading, writing, viewing, representing, speaking, and listening.

English 10

Students are required to take both of the following 1 term courses:

LITERARY STUDIES 10

Focuses on the exploration of text and story. Students will learn how texts are socially, geographically and historically constructed, while questioning what they hear, read and view.

CREATIVE WRITING 10

Focuses on creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres.

English 11

Students are required to take the following:

*BSS will only offer the English First People version of this course in order to ensure all students meet the Indigenous focused coursework requirement.

ENGLISH FIRST PEOPLES LITERARY STUDIES AND WRITING 11

Focuses on literature by exploring specific themes, periods, authors, or areas of the world through literary works in a variety of media. This course will include Canadian literature, First Peoples' texts, thematic studies, and specific author studies.

English 12

Students are required to take the following course:

*BSS will only offer the English First People version of this course in order to ensure all students meet the Indigenous focused coursework requirement.

ENGLISH STUDIES 12 FIRST PEOPLES

This course will give student opportunities to examine works by Indigenous authors including letters, stories, plays, novels, blogs, film, and podcasts. The course will require reading, writing, representing, listening, and speaking.

CAREER EDUCATION

Career Life Education 10 (Grad Requirement)

Students are provided with the resources and time to discover and explore their goals as part of their career education program. Students engage in studies of self-awareness designed to uncover interests and passions so they may link them to potential career paths. Students will identify skills necessary for success in the 21st century while considering labour market trends.

Career Life Connections 12 (Grad Requirement)

Career-Life Connections is divided into the themes of self-awareness, building career skills, career knowledge and awareness, and career and life planning with the aim to extend the learning into the experiential realm. Students in Career-Life Connections build on earlier learning in the four themes of career education as they complete 30 career experience hours and a capstone project. The presentation of the capstone project is a culminating experience of this program and an opportunity to show the learning journey with friends, family, community, post-secondary and career mentors. The capstone project becomes a bridge connecting the public school experience with post-secondary ambitions. Students must pass the capstone in order to pass the course.



MATHEMATICS

Foundations of Math and Pre-Calculus 10

The topics include: right triangle trigonometry, operations on powers with integral exponents, linear relations and functions, multiplying/factoring polynomials, solving systems of linear equations, experimental probability, and gross/net pay. This course is a required prerequisite for direct entry into most universities, colleges, and technical programs.

Workplace Mathematics 10

This course provides students with the mathematical understanding and critical thinking skills identified for direct entry into the work force. Content includes computational fluency, create/interpret/critique graphs, primary trigonometric ratios, metric and imperial measurement and conversions, surface area and volume, angles, central tendency, experimental probability, and gross/net pay.

Foundations of Mathematics 11 and 12

These courses are 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. The courses include logical reasoning, angles and triangles, trigonometry, statistical reasoning, systems of inequalities, quadratic functions, and proportional reasoning.

Pre-Calculus 11

This course is designed to provide students with developing the mathematical understandings and competencies identified for entry into post-secondary programs such as engineering, sciences, and some business programs that require the study of theoretical calculus. Course content includes sequences and series, trigonometry, quadratic functions and equations, radicals, rational equations, absolute value and reciprocal functions, systems of equations, and linear and quadratic inequalities.

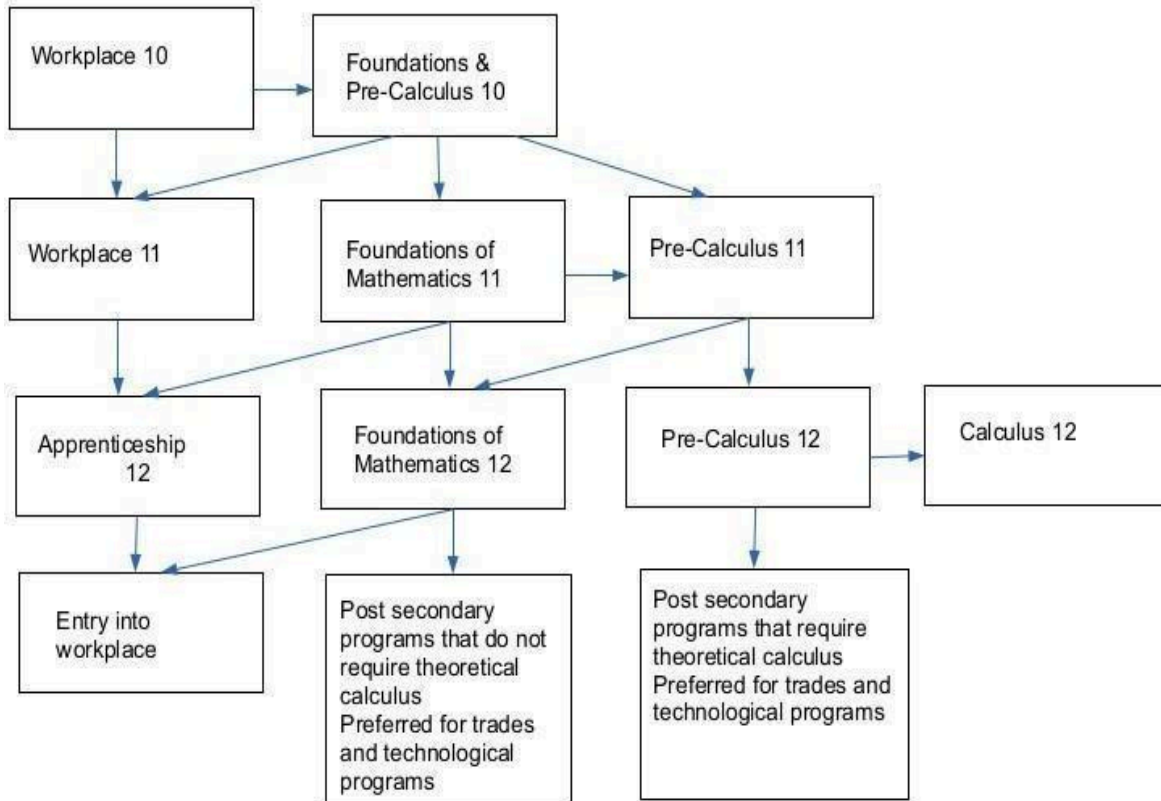
Workplace Mathematics 11

This course provides students with the mathematical understanding and critical thinking skills identified for direct entry into the workforce. Content includes slope, graphs, surface area and volume, trigonometry, scale, finance, and personal budgets.

Pre-Calculus 12 (Video Conference)

This course is designed to provide students with developing the mathematical understandings and competencies identified for entry into post-secondary programs that require the study of theoretical calculus such as Science, Technology, Engineering, and Math (STEM) fields. Course content includes transformations, trigonometry, exponential and logarithmic functions, equations and functions, and permutations and combinations.

Pathways for Mathematics 10-12



All three pathways meet graduation requirements and provide students with opportunities to consider their interest, both current and future.

Please research admission requirements for post-secondary programs of study and career/employment paths to ensure you are selecting the best pathway for you. Talk to your school counsellor for assistance in making the best choice for you.

SCIENCE

Science 10 (Grad Requirement)

This course is the precursor for the senior sciences and include components in Biology, Chemistry, Physics, and Earth Science.

Chemistry 11*

Chemistry 11 is a lab-oriented course focusing the identification, characterization, and transformation of matter. Topics include atoms and molecules, organic chemistry, matter and energy and solubility.

Life Science 11

This course is an introductory Biology course that includes the study of microorganisms, plants, animals, the classification of living organisms, adaptation and evolution. Laboratory activities including dissections are involved.

Physics 11

This introductory course in Physics includes a wide variety of topic areas including kinematics (the study of motion), forces, energy, current electricity, and waves.

Science for Citizens 11

Science for Citizens is a multi-disciplinary course that explores the connections between science and your everyday life. Topics include the science of health and nutrition, safety of household and industrial chemicals, household technologies, disposal and recycling of household waste, the science of forensics, extreme weather and disaster preparation, and electricity generation and sustainability of resources.

Anatomy and Physiology 12 (Video Conference)

Anatomy and Physiology 12 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 dissections.

Chemistry 12*

This course is a continuation of Chemistry 11. Students learn about reactants, dynamic equilibrium, acids and bases, and oxidation and reduction. There is an emphasis on lab work.

Physics 12

Physics 12 includes units on circular motion and gravity, torque, relativity, momentum, electricity, and magnetism. Each unit includes hands-on demonstrations and lab work which help develop a deeper understanding of the material.

Chemistry 11 and Chemistry 12 will *not* be offered for the 2026/27 school year. Chemistry and Physics alternate every year.



SOCIAL STUDIES

Social Studies 10

Course content includes Confederation (Canada), Development of the West (Canada), Canada's Resources and Industry, British Columbia and the Pacific Rim and Current Events.

20th Century World History 12 (Video Conference)

Students will explore changing technology, economics and political systems. Students will learn about world conflicts of the century, exploring nationalism and the rise and fall of power. You will learn how the 20th century has influenced how we act and react, and what has changed.

BC First Peoples 12 (Video Conference)

Students will focus on the diversity, depth, and integrity of the cultures of British Columbia's First Peoples. You will acquire knowledge and understanding of the traditions, history, and present realities of BC First Peoples. In addition, you will learn specifically about our context with the inclusion of guest speakers and field outings.

Genocide Studies 12

Students will examine global genocides throughout history. 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 prevent genocide.

Physical Geography 12

Geography is the study of the physical, natural, and human elements of the global environment. It draws from many disciplines, students will be connecting and synthesizing information and ideas from a wide range of sources.

Comparative Cultures 12

This course explores the political, social, economic, and religious aspects of ancient cultures in Asia, Africa, the Americas, and Europe. It focuses on accomplishments of these cultures, as well as geographic and environmental factors which influenced the interactions and the rise and fall of those cultures.

Social Justice 12 (Video Conference)

Social justice is about making sure everyone in our society is treated fairly and equitably. Students will learn the causes and effects of social injustice, how social justice issues are interconnected, and how individual worldviews shape and inform our understanding of a fair and just society.

PHYSICAL and HEALTH EDUCATION

Physical and Health Education 10

Students will participate in a wide variety of activities including team, individual, and lifetime sports. There are expectations of continuing development of physical abilities, student responsibility, and leadership skills. Students will also focus on various healthy and active living topics regarding mental and physical health. This course is **required** for graduation.

Active Living 11

These courses will cover a large range of sports and activities. Emphasis will be placed on lifetime sports and fitness activities. Students in P.E. will be evaluated on movement, fitness, leadership, fair play, and participation. Evaluation takes place on a daily basis and, therefore, regular attendance and participation are mandatory.

Fitness and Conditioning 11

This course provides students the skills, knowledge and attitude to incorporate various types of weight training and active health into their personal lifestyle. Students will explore human anatomy and physiology, create and implement personal fitness/nutrition programs and develop leadership skills.

Active Living 12

This course focuses on health and well-being, safety and participation. A significant portion of this course addresses leadership development through physical activity and recreational activity. Students will learn how to plan, organize, and safely lead activities.

Fitness and Conditioning 12

This course provides students the skills, knowledge and attitude to incorporate various types of weight training and active health into their lives with a focus on understanding how personal choices influence our goals. Students will explore human anatomy and physiology, create and implement personal fitness/nutrition programs and develop leadership skills.

LANGUAGES

Some post-secondary schools require that students have a second language to grade 11 or 12 level to meet general or specific admission requirements.

French 10

Students will experience French through the development of all language learning skills and will learn to express themselves well through activities, assignments, and creative tasks. Students will be expected to review regularly, memorize vocabulary and structure, read authentic materials to a certain extent, and to adequately write sentences and paragraphs in French.

Secwepemctsin 10

This course introduces students to the vocabulary, grammar and sounds of the traditional Secwepemctsin language. Students will also learn about Secwepemc culture, history and traditions.

French 11

In this course, students will study more advanced reading selections and are encouraged to write more capably through direct instruction, guided practice, and continuously evolving vocabulary development. Students will be expected to review regularly, memorize vocabulary and structures, read authentic materials handily, and to write adequately in French.

Secwepemctsin 11

Students will continue to develop their vocabulary, grammar and sounds of the traditional Secwepemctsin language. Students will also learn about and experience Secwepemc culture, history and traditions.

French 12

This course builds on the study and practice of the French language. Students will narrate stories and engage in conversations on a variety of topics of interest, orally and in writing. In this course, students will use a wider range of increasingly complex vocabulary and sentence structures for communicating meaning. Students will defend their opinions and use multiple forms of past, present, and future time frames



BUSINESS EDUCATION, COMMUNICATION and COMPUTER STUDIES

Entrepreneurship and Marketing 10

Are you interested in the world of business? Students will learn about the opportunities for entrepreneurship and characteristics of entrepreneurs. Students will explore ways to add value to an existing idea or product, learn the differences between invention and innovation and explore the life cycle of a product from invention/innovation to the marketplace.

Marketing and Promotion 11

This is an excellent course for students interested in being involved in business. Students will develop an understanding of marketing strategies that are used to successfully bring goods and services to consumers. Students will learn about consumer behaviour, the business environment, market research, retailing, advertising and promotion, pricing, and distribution. Students will prepare a hypothetical marketing/ business plan for a business of their choice.

Entrepreneurship 12

Entrepreneurship is the process of starting and operating your own business. Anyone can become an entrepreneur with the right information, knowledge and determination. Projects could involve market research, identifying business opportunities, learning about franchises, creating brands, and finally designing a business plan for your future business. This course provides a practical “hands-on” opportunity to develop the entrepreneurial spirit required for starting and operating a business.

Graphic Production (Yearbook) 11 and 12

This course teaches students how to publish. Students learn how to take photographs, how to report events, and how to use web-based tools in creating a page layout. As well, students will work on individual publishing projects. The course material is designed around the production of the school yearbook.

HOME ECONOMICS AND CULINARY ARTS

Food Studies 10

This course is designed to further student knowledge and skills in preparing and serving food. Topics include: safety and sanitation, nutritional requirements linked to the individual's well being, meal planning, and food trends.

Food Studies 11

This course takes an in-depth look at food and food choices. Topics include: safety and sanitation, nutrition, food labelling, budgeting, shopping, the environmental impact of food choices, and the development of recipes.

Food Studies 12

This course explores the food choices of countries around the world. Students will explore how geography, climate, culture and religion impact the food habits of foreign countries.

Textiles 10

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

Textiles 11

This course is designed for students who want improve their skills. Students will have the opportunity to create a variety of small crafts as well as larger projects or garments. Topics of study include modifying patterns, repurposing textiles items, and understanding the influence of marketing and advertising on textiles designs.

Textiles 12

This course is designed for students who want to improve their skills. Students will have the opportunity to create a variety of small crafts as well as larger projects or garments. Students will apply the skills they developed in prior years to independently modify patterns, repurpose textiles items, and demonstrate a clear understanding and application of marketing and advertising on textiles designs.

TECHNOLOGY EDUCATION

Metalwork 10

Metalwork 10 is an intermediate metal fabrication course, including metal cutting and welding. The design process provides choice for students when designing self-driven projects. Project work is the main emphasis of this course.

Woodwork 10

This course is intended to familiarize the student with the basic machine and hand tool techniques, progressing to advanced power tools. Students will learn to read and produce working shop drawings, leading to the designing and building of projects involving joinery and construction techniques.

Metalwork 11

This course is an expansion to Technology Education 9, 10: Metalwork. Students will gain experiences in the areas of the lathe, foundry, and SMAW, GMAW operations. One major project will involve many processes. A second project will be the student's own initiated project to demonstrate their acquired skills.

Woodwork 11

Woodwork 11 is an extension of Woodwork 10. Through construction of individual and group projects, students will learn to perform a wide variety of machine and hand tool operations in a safe, orderly manner. Good design and a high standard of craftsmanship will be stressed. The basics of technical drawing is a necessary part of the course in order for students to learn how to read and produce working drawings.

Metalwork 12

Topics covered will include learning precision turning and other operations on a lathe, understanding various methods of casting, and expanding on various means of welding. Students will be required to complete a major common project and major student initiated project to demonstrate their acquired skills.

Woodwork 12

Woodwork 12 is an advanced power tools course in which students build off of skills and techniques developed in previous courses. Students will be expected to design and build reasonably demanding articles of furniture demonstrating advanced joinery.

Youth Explore Trades Skills 10-12

Youth Explore Trades Skills is a course intended to allow students to explore industry trades training and ideally enrol in future SD73 Trades Samplers and/or Youth Train in Trades up at TRU. Youth Explore Trades Skills is intended to assist students in experiencing different trades training programs offered locally by the district and post-secondary, while assisting in a smooth trade skills transition to either the workplace or an appropriate post-secondary program. At BSS, students will focus on the Carpentry, Electrical, and Plumbing modules as we build related take-home projects and larger group projects.

VISUAL ARTS

Art Studio 10

This course is focused on the main concepts and skills needed to create 2-D images and the exploration of a wide variety of media and techniques used by artists and creators.

Photography 10

This course is designed for students who are seriously interested in learning about the Art of Photography. The way we capture and create images is continually being transformed by technology. This course will help photographers acquire the skills and creative fluency needed to achieve a personal vision in their work. Students will be introduced to traditional black and white photography and then progress to an exploration of the basic skills of digital photographic capture and editing. The students will explore photography through history, the art of photography through an understanding of design and aesthetics and explore the expressive and thematic elements of this medium. It is recommended that students have their own digital camera for this course.

Art Studio 11

This course explores the main concepts and skills to create 2-D images. Students will challenge their skill set and explore a wide variety of media and techniques used by artists and creators.

Photography 11

Through the course, students will strengthen their photography skills, explore digital editing techniques, and expand their artistic expression. This course will focus on creating a range of photographic images drawing upon personal experience. Works by significant photographers, both historic and contemporary, will be analyzed and used as a basis for discussion. Students will learn how to discuss their own work and the work of others using appropriate art related vocabulary. It is recommended that students have their own digital camera for this course.

Art Studio 12

This 'hands on' general art course focuses on developing artistic skill and fostering the students' growth as an artist. Painting, drawing, printmaking, sculpture, and a variety of other media will be explored.

Photography 12

This course builds on the skills that were previously developed in Photography 11 and is designed to explore the more creative side of photography. Various camera settings will be learned to offer greater creative and technical control.

LEADERSHIP

Leadership 10

The purpose of this course is to introduce students to the characteristics of good leaders, the different types of leadership styles and to help students to develop their own leadership skills. Students will take a leadership role within the school community and will plan and participate in school events.

Leadership 11

This course will allow students to build on their leadership skills and styles. Students will take a leadership role within the school community as well as the larger Barriere community and will plan and participate in events that demonstrate their leadership.

Leadership 12

In this course, students will broaden their leadership skills, styles and ideas. Students will define the different types of leadership skills and will develop their own leadership styles. Students will take a leadership role within the school community, the larger Barriere community and at a broader level (regional, online etc). Students will plan, execute and engage in leadership roles in these three domains, developing their leadership style and learning from leaders in the field.



TOURISM

Tourism 12 (Video Conference)

This course is great for students who wish to enter the tourism, hospitality or travel service industry or for those who are interested in travel. It includes the study of local and national tourism.

PSYCHOLOGY

Psychology 12 (Video Conference)

Students will understand their own and other people's behaviour. Topics include learning, memory and thought, the biology of behaviour, sensation and perception, motivation and hypnosis, and the life span.

Alternate Credit Opportunities

<http://tnt.sd73.bc.ca/en/index.aspx>

Please see Mrs. Peterson for more information, applications and support.

Youth Train in Trades (YTIT)

Students can enter TRU trades programs during their grade 12 year and they will earn dual credits (secondary school credits and TRU credits). TRU will award a **Foundation Certificate** and credit is earned towards the first year technical training as an apprentice. Tuition is paid by School District 73 but students are responsible for covering ancillary fees and other costs. Applications are available in November to grade 10 and 11 students and due by the end of December.

Available Trades Options:

Mechanical Trades Foundation Training

- Automotive Service Technician Foundation
- Heavy Mechanical Foundation
- Industrial Instrumentation Mechanic
- Millwright (Industrial Mechanic/Machinist)
- Refrigeration & Air Conditioning Foundation
- Welding Foundation Level 1 & 2

Construction Trades Foundation Training

- Carpentry Level 1 & 2
- Electrical Foundation
- Piping Foundation (Steamfitting/Pipefitting, Sprinkler, and Plumbing)

Culinary Arts Training

- Horticulture Foundation Level 1 & 2
- Professional Cooks Level 1
- Meat Cutter/Retail Meat Processing

Youth Work in Trades (YWIT)

Any student currently employed with a ticketed tradesperson is eligible for the Youth Work in Trades Program. Students may earn up to 16 credits (4 courses). The enrollment deadline is the middle of September. Students must be working in a paid position, alongside a qualified tradesperson, be at least 15 years old and enrolled in school.

Grade 12 graduates who have completed 16 credits (4 courses) may qualify for a \$1000 scholarship. The criteria for this scholarship is

- | be registered with ITA as a young apprentice prior to graduation
- | must graduate with a Dogwood Diploma or Adult Grad Dogwood
- | must have completed MWRK 11A, 11B, 12A and 12B
- | must also have maintained a C+ average or better in all grade 12 courses
- | reported a minimum of 900 hours one year after graduation

TRU Start Programs – Students must have all graduation requirements met prior to the start of the TRU Start Program.

These programs are opportunities for students to take a full year certificate program in their grade 12 year:

- | Regenerative Agriculture
- | Education Assistant & Community Support
- | Health Care Assistant Program
- | Police and Justice Program
- | Business Foundations

School District 73 pays the tuition costs; associated fees and textbooks are the responsibility of the student. Students must complete all graduation requirements prior to the start of these programs. Deadline to apply is December.

TRU Start Courses provide an opportunity for students in our region to experience university life and earn post-secondary credits before high school graduation. TRU offers two options for students to consider during their grade 12 year – on campus or distance education. Students must apply in their grade 11 year and meet specified admission requirements. SD73 covers tuition costs, but students are responsible to cover ancillary fees. Deadline to apply is January. Visit <https://tnt.sd73.bc.ca/en/tru-start-courses-gr-12.aspx> for more information.

District Programs

Students may enrol in any number of district programs housed in schools in Kamloops.

- Digital Arts and Technology Academy (First Semester of Grade 10, 11, or 12)
- Hairstyling (Second Semester Grade 11 & First Semester of Grade 12)
- Health Sciences Academy (First Semester of Grade 11 or 12)
- International Baccalaureate Diploma (Two year program – grade 11 and 12)
- Power Engineering Technology Certificate (One year program - Grade 12)

- NorKam Construction Sampler (One Semester of Grade 10, 11, or 12)
- NorKam Mechanical Sampler (One Semester of Grade 10, 11, or 12)

Challenge and Equivalency

Many people gain credentials in the form of certificates, diplomas, and assessments outside of school. Much of this achievement is related to school course objectives. These qualifications may be recognized and thus can create time for students to study, take other electives or graduate early. See an administrator or counsellor for further information.

Challenge: to permit students, who have acquired the appropriate learning elsewhere, to obtain credit for a grade 10, 11 or 12 credit course. Students will be required to complete the Provincial, School District and school criteria established for course challenges.

Equivalency: to recognize valid credentials, at the Grade 10, 11 and 12 levels, acquired from other educational institutions or jurisdiction outside the regular school system. The learning outcomes of the external credential must have a match of at least 80% to the learning outcomes of the Ministry-authorized or locally developed course taught within the district. Further requirements also apply.

External Courses

An External Course is an organized set of learning activities developed and/or offered outside the British Columbia school system that has been authorized by the Ministry. To receive credit for an External Course, specific documentation from the organization issuing the credentials is required. All students who have successfully completed an approved External Course are entitled to credit. More information is available at: [External credentials - Province of British Columbia](#).

IT'S A GREAT DAY TO BE A COUGAR.