

PURSUE YOUR PASSION



SD38 CAREER PROGRAMS OFFERINGS



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@sd38careers



SD38 (PRE-)APPRENTICESHIP PROGRAMS

TO SEE ALL TRADES TRAINING PROGRAMS OFFERED, OPEN BROCHURE FULLY QUESTIONS? Contact the Career Programs Office (see back page)

YOUTH TRAIN IN TRADES – BC Industry Training Authority

BE	NEFITS:	ita YOUTH	
	FREE TUITION* (paid by Richmond School District #38; savings of \$2500 - \$4000) Start post-secondary training while in high school; beat the waitlists Registered as an apprentice with the Industry Training Authority (ITA) Earn DUAL CREDITS:	TRAIN — IN TRADES	
	 Earn an average of 16-20 credits toward high school graduation Certification for Level 1 INDUSTRY training + work hours toward apprenticeship Acquire job-ready skills during program and earning potential immediately upon graduation 		
*Students are responsible for all other associated program fees, books, equipment, tools and consumable items. These are outlined in the Youth Train in Trades application form.			
HO	Complete the 2023-2024 Youth Train in Trades application (found on Career Programs display board in/near area OR on the District Career Programs Office website) Submit completed application to the District Career Programs Office (CPO) (Cambie - Learning Services) Those who qualify will be invited for an interview (April-June) NOTE: Quality of applications will be assessed based on the following criteria: academic achievement, relate work habits, attendance/punctuality, overall behaviour and attitude APPLICATION DEADLINES: Found on application. Baking applicants must meet 1 st deadline.		
WH	May take Cooking or Plumbing during grade 11 (this exception may also apply for some of our other programs). Those with a keen interest in the skilled trades (e.g. has taken tech ed/cooking/baking) Program-related Gr. 10-11 coursework an asset (comfortable using trade-related tools/equipment) Demonstrated level of maturity suitable to a post-secondary environment (may be in class with adults) Strong English language skills to communicate and interpret information and technical language Strong Math and Science skills for solving problems and making decisions Driver's license is an asset (a must in some trades)		
	YOUTH WORK IN TRADES – BC Industry Training Authority	1	
BE	NEFITS: Earn up to 16 high school credits (four courses) for paid trade work during high school Student is registered as an apprentice with the ITA Work hours completed, are credited toward industry Level 1 trade certification SD38 Career Programs support provided for student apprentice and their employer May qualify to earn a \$1000 Ministry of Education award	WORK IN TRADES	
HO	OW TO PARTICIPATE: Contact our office to obtain the necessary registration paperwork Career Programs staff will walk you and your employer through registration		
WHO SHOULD PARTICIPATE: You work in a recognized trade, either full or part-time (See qualifying trades at www.itabc.ca) Are PAID (cannot be under the table)			

☐ Workplace has a **certified supervisor** (Certificate of Qualification, Red Seal, or Journeyperson)

☐ Are between 15-19 years old

OTHER DISTRICT PARTNERSHIP PROGRAMS

Applications specific to each program will be made available through your Career Advisor, School Counsellor or the SD38 Career Programs Office (CPO.) (Also found on the Career Programs display board or website).

(THESE PROGRAMS ARE NOT AVAILABLE TO INTERNATIONAL STUDENTS)			
Program / Application Due Dates	Program Details		
2 nd Annual RICHMOND RCMP Youth Academy	Description: For those interested in a career in policing or law enforcement, this is an intense 4½-day career simulation opportunity that takes place in SD38. Students participate in theory and practical sessions, through role-play and various teamwork activities, including drill practice. Run by Richmond RCMP staff, the Academy challenges students, both mentally and physically, giving them confidence and practical skills that will last a lifetime.		
Application Due Date:	Program Cost: Students pay \$200		
Monday, November 7th, 2022	Program Timeline: Thursday, Feb. 16 th – Monday, Feb. 20 th , 2023 + Grad Night Tues. Feb 21 st		
Canada	Who Can Apply: SD38 students in Grades 10-12 (Preference given to those in Grades 11/12)		
NEW EARLY CHILDHOOD EDUCATION ASSISTANT CERTIFICATE	Description: In this new SD38 post-secondary program students will earn an Early Childhood Educator (ECE) Assistant Certificate. The ECE program is designed to develop and enhance theoretical and practical skills, including a work experience component. This is offered in partnership with Delta SD37 Continuing Ed but will be held in Richmond. If successful in completing the summer courses, students will earn both high school and post-secondary credits and will be eligible to apply for the Basic ECE Certificate, as recognized by Human Resources & Social Development Canada.		
Application Due Date:	Program Cost: Tuition covered by SD38		
Wednesday, March 8 th , 2023	Program Timeline: SUMMER – July 2023 (four weeks, full days)		
	Who Can Apply: SD38 students currently in Grades 10 or 11. (Students graduating in June 2023 are not eligible). Interviews will be held in April 2023.		
KPU STRIVE PROGRAM (ARTS 1100) Application Due Date: Monday, May 8, 2023	Description: Do you think you might not qualify to take a university course? Or do you identify as BIPOC? If so, this Arts 1100 course at the Richmond Kwantlen Polytechnic University (KPU) Campus (face-to-face) is for you! It covers contemporary social problems, such as poverty, racism, and sexism and how community groups face these challenges. Through hands-on, applied, and service learning with local non-profits, students will discover resilience, justice, and hope in their local communities as people make positive social change. Significant program supports help to ensure a positive and successful outcome for students . MUST sign up for this course directly through the SD38 Career Programs Office, not KPU .		
	Program Cost: Tuition covered by SD38 (via Scotiabank donation)		
KWANTLEN	Program Timeline: Wednesdays from September – December (4-7pm)		
RPU POLYTECHNIC UNIVERSITY	Who Can Apply: Students entering Grades 11 or 12 in September 2023 who identify as BIPOC and/ or who think they may not qualify to access a university course.		
linV20	Description: Apply to take a Kwantlen Polytechnic University (KPU) EVENING course at the Richmond		

LinK38

(Learning in Kwantlen)

Application Due Date: Tuesday, May 16, 2023



Description: Apply to take a Kwantlen Polytechnic University (KPU) EVENING course at the Richmond Campus. Course MUST directly correspond to student's post-secondary career transition pathway/ plan. LinK38 course offerings vary each year and are selected by SD38 Career Programs Office staff. Course counts for post-secondary and for high school credit (4 credits). MUST apply directly through the SD38 Career Programs Office, not KPU.

Program Cost: Students purchase course books; SD38 covers tuition

Program Timeline: One-night per week from September – December (usually 4-7pm). Day of week is dependent on course taken.

Who Can Apply: Only Grades 11 students entering Grade 12 in September 2023.

2023-2024 YOUTH TRAIN IN TRADES PROGRAMS

Application Deadlines:

1st Deadline – Tuesday, February 14, 2023

2nd Deadline - Wednesday, April 12, 2023











With a few exceptions programs will run second semester.

Check with Career Programs Office for specific program start dates/end dates, as these vary. **See detailed program flyers on our website.**

PLUMBING

Semester 2 @ Palmer Secondary, including 4 weeks at the Piping Industry College

In this ITA Foundation Program, students will apply their knowledge by learning how to plan, design, and install piping systems, as well as interpret drawings, use the plumbing code, and math/science. The program includes electrical and welding components. Students learn how to use industry-specific tools and machinery and will attend the UA Piping Industry College for four non-consecutive weeks during the program.



Upon successful completion of this program, students will achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11; Physics 11 recommended
- Physically able (tight spaces, moving heavy equipment)
- Successful result on district math assessment
- Previous tech ed course(s) experience an asset

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 375 work-based training hours
- Receive 16 credits (4 courses) at Grade 12 level

PROFESSIONAL COOK 1

Check with Career Programs for 2023-2024 schedule

In this ITA Foundation Program students perform all phases of kitchen activities including the preparation and presentation of vegetables, soups, sauces, meat, fish and poultry, cold kitchen items; desserts, baking, pastry; basic menu planning/costing as well as knowledge of safety, sanitation and food storage, and customer relations.



Students who are successful in this program, achieve the first of three levels towards Red Seal certification. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Able to work in a fast-paced, multi-tasking environment
- Successful result on district math assessment
- FoodSafe Level 1 Certification (must complete prior to program start) / Foods course experience an asset

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Qualification (Level 1 technical training) + 300 work-based training hours
- 16 credits at Grade 12 level
- Hours worked in the trade are registered with the ITA and go toward PC1 Level 1 apprenticeship

AIRCRAFT MAINTENANCE ENGINEER – M

Full-time @ BCIT - Start date varies (see below**)

ONLY CURRENT GRADE 11 OR non-graduating 12 STUDENTS MAY APPLY FOR THIS PROGRAM - Program starts May of grade 12.

An Aircraft Maintenance Engineer (AME) is responsible for the release (certification) of an aircraft after maintenance, inspection, repair or modification. This is an occupation requiring a high degree of responsibility and skill. Some of the skills learned include certifying airworthiness of aircraft, troubleshooting mechanical/electrical systems and adjusting and repairing systems according to strict specifications.



This cohort program requires a commitment to all four continuous terms with short breaks between terms (each term is 16 weeks). SD38 covers tuition for the first term (16 weeks) ONLY and students are responsible for the tuition for terms 2, 3 and 4. Students must achieve 70% in each course within every term.

PROGRAM PREREQUISITES

- Any Math 11 (min 60%) AND a Language Arts 12 (min 67% or 50% for English course)
- Must have achieved Physics 11 course (SD38 requirement)
- Successful result BCIT Mechanical Reasoning Trades pre-entry test
- Must have and Tech Ed 10/11 course and/or Auto Mechanics 11
- Participation in Air Cadets and interest in mechanics a plus

CREDITS AND CERTIFICATION EARNED

- Receive credit for Term 1 (of 4) toward AME certification and 16 Grade 12 credits (4 courses)
- License will be granted by Transport Canada when required work experience is achieved and applicant reaches age 21.
- **Check with Career Programs Office for program start date

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Application Deadlines:

1st Deadline – Tuesday, February 14, 2023

2nd Deadline - Wednesday, April 12, 2023

See detailed program flyers on our website.

With a few exceptions programs will run second semester.











AUTO COLLISION & REFINISHING TECHNICIAN Full-time @ VCC (Broadway) - February - October

In this 35-week ITA Common Core Foundation Program, students engage in a wide range of learning opportunities in the classroom, shop and workplace settings, as related to both the auto collision and refinishing trades. VCC uses modern equipment and techniques to train students in a wide range of topics including, health and safety, environmental compliance, cutting, welding and heating processes, removal and install of metal/plastic vehicle components, surface preparation, topcoat application, as well as perform automotive detailing tasks that meet quality assurance standards.

Students who are successful in this program, achieve Level 1 technical training credit for BOTH of the Auto Collision and the Auto Refinishing trades. Upon completion, students then select which of these two trades to pursue at Level 2. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Completion of senior level Tech Ed courses(s)
- Mechanical aptitude, detail-oriented
- Good colour vision is an asset
- Successful result on district math assessment

CREDITS AND CERTIFICATION EARNED

- TWO Certificates of Completion (Level 1 Technical Training)
 - Auto Body & Collision Technician (and 625 work hours credit)
 - Automotive Refinishing Technician (and 450 work hours credit)
- 28 credits (7 courses) at Grade 12 level
- Must do work experience hours student arranges on own

AUTO SERVICE TECHNICIAN

Full-time @ BCIT (Burnaby) – July-Feb (before Gr 12) OR Feb-Dec (Gr 12)

(ONLY OPEN TO STUDENTS ENTERING Gr 12 - Applicants in Gr. 11 will only be considered.)

In this 30-week ITA Foundation Program, students develop mechanical skills as well as, electrical and computer diagnostic skills in the auto service industry. They will learn to disassemble, inspect and assemble engines and accessories, cooling systems, transmissions and clutches, drive lines, braking and suspension systems. Students will use logic and deductive reasoning in diagnosing and troubleshooting mechanical as well as electrical/electronic vehicle systems.



Students who are successful in this program, achieve the "completion" Level 1 technical training in this trade*. There are three levels towards Red Seal certification. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 12 (LA before program start)
- Completion of senior level Tech Ed courses(s)
- Mechanical aptitude, interest and experience
- Physics 11 is strongly recommended
- Having a driver's license an asset (in order to move vehicles in shop)

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion* (Level 1 technical training) + 450 work-based training hours
- *If >70% achieved for in-school training, student will be eligible to write Level 1 Certificate of Qualification ITA exam
- 28 credits (7 courses) at Grade 12 level

BAKING AND PASTRY ARTS

*Full-time Semester 1 @ VCC (Pender) – July - December

*Must apply by first deadline (FEBRUARY) – PROGRAM STARTS in JULY after Gr. 11

Students are required by VCC to submit a detailed portfolio and questionnaire in March/April, as part of the application process.

In this 24-week ITA Foundation Program, students apply occupational skills, prepare doughs, batters and other ingredients leading to the production of breads, cakes, pies, cookies puff pastry and other baked goods. They are also trained in the assembly, icing and decoration of cakes, French pastries and petit fours. Interviews are the first week in May with the VCC baking department.



Students who are successful in this program, achieve the first of three levels towards Red Seal certification. Students will be encouraged to seek employment as apprentices during the program, earning hours as credit toward certification.

PROGRAM PREREQUISITES

- Any Math 11 (minimum "C") AND a Language Arts 11
- VCC portfolio and questionnaire (due in April) + VCC interview (May)
- FoodSafe Level 1 Certification
- Strong attendance / punctuality record; able to stand for long time
- Completion of senior level Foods courses(s)

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 900 work-based training hours + VCC certificate
- 24 credits (6 courses) at Grade 12 level
- Must do work experience hours student arranges on own

2023-2024 YOUTH TRAIN IN TRADES PROGRAMS

Application Deadlines:

1st Deadline – Tuesday, February 14, 2023

2nd Deadline - Wednesday, April 12, 2023





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CARPENTRY (FRAMING AND FORMING)

Full-time Semester 1 or 2 @ BCIT (Burnaby)

In this 23-week ITA Foundation Program, students will learn to assemble and erect falsework and forms for concrete, wood and metal frame construction. Program topics include site/shop safety, interpreting construction drawings and specifications, understanding building code and bylaws, working with trade tools, using rigging and hoisting equipment, surveying and leveling, site layout, doing concrete formwork, residential framing and understanding building science structures. Training prepares students for entry-level employment through basic classroom theory and hands-on shop practice.



Students who are successful in this program, achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 12 (LA before program start)
- Must be able to work at heights and in adverse weather
- Relevant ADST (tech ed) course work an asset (e.g. woodwork)
- Successful result on math and reading assessments

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 Common Core technical training) + 450 work-based training hours
- 20 credits (5 courses) at Grade 12 level

ELECTRICIAN (COMMON CORE)

Full-time Semester 2 @ BCIT (Delta Secondary) - February - July

In this 24-week ITA Foundation Common Core Program, students will learn to plan, assemble, install, test, and repair electrical systems, and maintain electrical equipment. Electrical systems provide heating, lighting, power, alarm, security, communication and control in residential, commercial, institutional, industrial, transportation, marine and entertainment environments. The program emphasizes a hands-on approach to training, where experience gained in the workshop is focused on industry practice.



Students who are successful in this program, achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices. (This program requires 70% minimum in every unit.)

PROGRAM PREREQUISITES

- Any Math 11 (min 60%) AND a Language Arts 12 (LA before program start) AND Physics 11
- Relevant ADST (tech ed) course work an asset (e.g. electrical)
- Good hearing, eyesight and hand-eye coordination

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 350 work-based training hours
- Receive 20 credits (5 courses) at Grade 12 level
- At Level 4, students choose Construction or Industrial stream

JOINER (CABINET MAKER)

Full-time Semester 2 @ BCIT (Burnaby) - February - August

In this 25-week ITA Foundation Program, students will learn to use manual and CAD layout or manual and CNC/CAM machines, to assemble, install and finish articles that are fabricated with wood, plastic and other materials, and are intended to be used as architectural woodwork, millwork and furniture. Program topics include shop safety, drafting practices, layout techniques, woodworking joints, structure/properties of wood, lumber production/grading/handling, identifying wood species, types of plywood, composition board, laminates, adhesives/sealants, hardware and use of basic hand tools, including power/table/band/scroll saws, drills, sanders, routers, a lathe, planer and more.



Upon successful completion of this program, students will achieve technical training credit for the first of four levels towards Red Seal certification and can seek employment as apprentices. (This program requires 70% minimum in every unit.)

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 12 (LA before program start)
- Proven mechanical aptitude, detail oriented; good physical shape
- Completion of ADST (tech ed); Woodwork course an asset
- Successful result on math and reading assessments

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 technical training) + 475 work-based
- Receive 24 credits (6 courses) at Grade 12 level



METAL FABRICATION

Full-time Semester 2 @ BCIT (Burnaby) - February - July

In this 23-week ITA Foundation Program, students will be prepared for a career dealing with the selection, layout, shearing, cutting, punching, drilling, forming, fitting, and welding of steel places and structural steel shapes into products for the transportation, construction, forest, mining, and agricultural industries. Typical projects that involve metal fabricators include bridges, buildings, hoppers, conveyors, towers, cranes, heavy-mining equipment, logging equipment, and ship parts and equipment.



Upon successful completion of this harmonized foundation program, students will achieve technical training credit for the first of three levels towards Red Seal certification and can seek employment as apprentices.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Successful result on math and reading assessments
- Relevant ADST (tech ed) course work an asset
- Good hand/eye coordination and physical condition an asset

CREDITS AND CERTIFICATION EARNED

- Pass ITA exam and course work to earn Level 1 technical training certification (Certificate of Completion) + credit for 450 work-based hours
- Receive 20 credits (5 courses) at Grade 12 level

PAINTING and DECORATING (COMMERCIAL)

6 weeks at FTI (Surrey) - Mid-June - End July

In this 6-week ITA Level 1 Foundation Program, students are introduced to a variety of topics, including common paint coatings, surface preparation techniques, and proper use of the tools and materials used in this trade, including airless spray. An extensive safety program includes respirator training, fall protection, ladder and scaffold training, elevated platform training and WHMIS.



Upon successful completion of this program, students will achieve technical training credit for the first of three levels towards Red Seal certification and can seek employment as apprentices.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Good colour vision, and interest in the field
- Ability to stand for lengths of time and work at heights

CREDITS AND CERTIFICATION EARNED

- Pass ITA exam and course work to earn Level 1 technical training certification (Certificate of Completion)
- Receive 4 credits (1 course) at Grade 12 level

WELDING

Full-time Semester 2 @ KPU (Cloverdale) - February - August

In this 28-week ITA Foundation Program, students will develop the necessary skills and knowledge to work safely and effectively using a variety of welding processes and procedures. This program prepares graduates for work with companies that manufacture structural steel and plate work, boilers, heavy machinery, and other ferrous and non-ferrous metal products. Program topics include oxy fuel and metal arc welding, air and plasma arc cutting, reading technical drawings, and basic metallurgy.



Upon successful completion of this program, students will achieve technical training credit for both the first AND second levels (of three) towards Red Seal certification and can seek employment as apprentices. Students must commute daily to Kwantlen Polytechnic University Cloverdale campus and are encouraged to have their driver's license.

PROGRAM PREREQUISITES

- Any Math 11 AND a Language Arts 11
- Completion of ADST (tech ed) course
- Mathematical aptitude, detail-oriented and good hand-eye coordination
- Successful result on math assessment + KPU instructor interview

CREDITS AND CERTIFICATION EARNED

- ITA Certificate of Completion (Level 1 AND Level 2 technical training) + 300 work-based training hours (includes success on ITA standardized written exam)
- Receive 24 credits (6 courses at Grade 12 level)

ADDITIONAL PROGRAMS OFFERED – Youth Train in Trades

(For details, check our website > Programs)

- Sheet Metal (20 weeks @ BCIT-Burnaby) schedule TBD
- Millwright (24 weeks @ Industrial Mechanic) (KPU Cloverdale) January (31st) July
- Lather (Interior Systems Mechanic) (6 weeks @ the Finishing Trades Institute Surrey) (schedule TBD)
- CNC Machinist (BCIT-Burnaby) (Gr 12 only) January start Needs 2-year program commitment

Applications for Youth Train in Trades are found on the Career Programs website or slat board (board located in or just outside your school's counselling area).

Career Programs Office Team

- Terri Lockhart (Coordinator Career Programs)
- **Peter Thackwray** (Facilitator Career Programs)
- Grace Imperial-Prasad (Administrative Assistant)

Questions for the Team?

- EMAIL: careerprograms@sd38.bc.ca
- CALL: 604-668-6000 ext 3766

For More Information...

- View the Career Programs website
- Ask our office about program site tours
- Check the Career Programs display board (in/near each school's counselling area)

MARK YOUR CALENDARS!

For the following sessions, a Zoom link will be emailed to families AND posted on each school's Career Programs display board.

1. Student Q & A Drop-In Virtual Sessions

- These are held the 1st / 3rd Wednesday from November through March
- 3:00 4:00pm (drop in any time)
- Parents/guardians also welcome

2. Secondary Parents Information Evenings

- CHOOSE an evening that works for you (Time is 6:30-7:30pm):
 - Tuesday, November 15th, 2022 OR
 - Wednesday, January 25th, 2023
- Presented VIRTUALLY in the comfort of your own home!
- Learn about what our programs offer:
 - Post-secondary course work in high school
 - Free tuition
 - Life-long employable skills acquisition
 - Apprenticeship certification opportunities and more
- Hear from Industry Guest Speakers

SD38 Career Programs Office

c/o Cambie Secondary School, 4151 Jacombs Road, Richmond, BC V6V 1N7













Ministry of Education