

“Youth **TRAIN** in Trades” Programs

visit 43Careers.com or email CareerPrograms@sd43.bc.ca



Trade Name	Program Details				
	Usually taken in	Student Cost	Length, Intakes & High school Credits	Location of Program	Pre-requisites
Aircraft Maintenance Engineer (Cat “M”)	Grade 12	≅ TBD	Intakes: late Aug, Jan + *May 16 weeks (16 credits) * best intake for continuation to next 3 levels towards certification	BCIT - Richmond (near South Terminal airport)	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Auto 11 and ideally Auto 12 (or related experience) Physics 11 any Math 11 (C+) pass BCIT Mechanical Reasoning Assessment
Appliance Service Technician	Grade 12	≅ TDB	Intakes: Sept + Apr 39 weeks 40 credits	KPU - Cloverdale	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Electricity 10, 11 or 12 (more is better) Chemistry 11 and/or Physics 11
Automotive Service Technician	Grade 12	≅ \$400	Intake: Feb all of semester 2 16 credits	Centennial	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 any Math 11 (C+) Auto 11 and Auto 12 (C+), or Auto 11 (B) and Physics 11
Auto Collision & Refinishing Tech	Grade 12	≅ \$1,800	Intakes: Sept + Feb VCC - 35 weeks (28 credits) BCIT – 40 weeks (32 credits)	VCC – Broadway BCIT – Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 any Auto 11 class (recommended)
Baker	Grade 12	≅ \$1,900	Intake: mid-July 23 weeks (finish just before Winter Break) 24 credits	VCC - Downtown	<ul style="list-style-type: none"> Complete gr 11 VCC questionnaire + short PowerPoint portfolio Food Safe Level 1
Cabinet Maker (Joiner)	Grade 12	≅ \$700	Intakes: Aug, Oct + Mar 25 weeks 28 credits	BCIT - Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 any Math 11 (C+) Wood 11 and Wood 12
Carpenter	Grade 12	≅ \$450	Intake: Feb all semester 2 16 credits	Terry Fox and BCIT – Burnaby (6 wks)	<ul style="list-style-type: none"> Wood 11 (and ideally Wood 12) any Math 11 (C+) Drafting + Design 11 (recommended)
Professional Cook	Grade 12	≅ \$400	Intake: Feb all semester 2 16 credits	Gleneagle or Centennial	<ul style="list-style-type: none"> Cook Training 11 and/or 12 or Foods & Nut. 11 and/or 12 (ideally two or three of them) Food Safe Level 1
Construction Electrician	Grade 12	≅ \$300	Intake: Sept all semester 1 16 credits	Dr. Charles Best	<ul style="list-style-type: none"> Full completion of grade 11 Math 11: Found / Pre-Calc (C+) or Workplace (B) Physics 11 any Tech Ed 10-12 course
Hairstylist	Grade 12	≅ \$3,000	Intakes: Sept, Oct, Jan, Mar + May 40 weeks 40 credits	VCC - Downtown	<ul style="list-style-type: none"> Full completion of grade 11 + plan for English 12
Heavy Duty Mechanic	Grade 12	≅ \$1,800	VCC Intakes: Sept + Feb BCIT: Sept, Oct, Feb, Apr, May + June 36 weeks 28 credits	VCC - Broadway BCIT - Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 any Math 11 (B) Auto 11 (B) and Auto 12 (B)
Ironworker	Grade 12	≅ \$400	Intakes: January (first week) + July 23 weeks 20 credits	BCIT – Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Metal/Weld 11
CNC-Machinist	Grade 12	≅ \$1,300	Intake: Sept + January (first week) 25 weeks 24 credits	BCIT – Burnaby	<ul style="list-style-type: none"> Metal 11 and/or Wood 11 Basic knowledge of Fusion 360 software pass BCIT Math Trades Entry Assessment
Marine Mechanical Tech	Grade 12	≅ \$500	Intakes: Sept + Feb 26 weeks 28 credits	BCIT – Annacis Island	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Auto, Metal and/or Electricity (recommended) any Math 11 (C+)
Metal Fabricator	Grade 12	≅ \$400	Intakes: Sept + Feb 23 weeks 20 credits	BCIT – Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Metal/Weld 11 (and ideally Metal/Weld 12) any Math 11 (C+)
Millwright	Grade 12	≅ \$1,200	BCIT Intakes: Sept + Feb KPU Intake: Feb 24 weeks 24 credits	BCIT – Burnaby KPU - Cloverdale	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Math 11: Found / Pre-Calc (C+) or Workplace (B) at least one Tech Ed 11-12 course
Motorcycle Mechanic	Grade 12	≅ \$500	Intakes: Sept + Feb All semester 1 or all semester 2 16 credits	BCIT - Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 Auto 11 or related experience
Commercial Painter	Grade 11 or 12	≅ \$0	Intake: mid-June 6 weeks 4 credits	Fin. Trades Inst. - Surrey	<ul style="list-style-type: none"> Full completion of grade 11 English 11 or 12
Parts & Warehousing	Grade 12	≅ TDB	Intake: March 20 weeks 20 credits	KPU – Cloverdale	<ul style="list-style-type: none"> Full completion of grade 11 (including Eng 12) Good organizational and time mgmt. skills recommended: Accounting 11
Plumber	Grade 12 (gr 11 is fine for PIC site)	KPU ≅ \$200 PIC ≅ \$0	PIC - intake: mid-June for 8 wks (8 credits) KPU - intake: all of semester 2 (20 credits)	Piping Ind. Coll. (PIC) - Annacis Island KPU – Cloverdale	<ul style="list-style-type: none"> any Math 11 (C+) PIC: Work Experience 12 with a “plumbing” placement, or have previous plumbing experience
Refrigeration Mechanic	Grade 12	≅ \$900	Intake: Sept 25 weeks 24 credits	BCIT – Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Chem 11 and Math 12 (strongly recommended) Electricity (recommended) pass BCIT Mechanical Reasoning Assessment
Security Systems Technician	Grade 12	≅ \$1,100 plus specific tools	Intakes: November + April 28 weeks 28 credits	BCIT – Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 Security Worker License (prior to being accepted) any Math 11 (C+)
Sheet Metal Worker	Grade 12	≅ \$400	Intakes: Sept + Feb All semester 1 or all semester 2 16 credits	BCIT – Burnaby	<ul style="list-style-type: none"> Full completion of grade 11 any Math 11 (C+)
Welder	Grade 12	≅ \$800	BCIT Intakes: Aug, Sept, Nov, Jan + Mar PIC intakes: Sept, Jan + Mar both are 28 weeks (28 credits)	BCIT – Burnaby Piping Ind. Coll. (PIC) - Annacis Island	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 any Math 11 (C+) Metal/Welding 11 (ideally Metal/Weld 12)

“Youth **EXPLORE** in Trades” Programs

visit [43Careers.com](https://www.43careers.com) OR email CareerPrograms@sd43.bc.ca



Trade Program	Program Details				
	Usually taken in	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
Indigenous Trades Sampler	Grade 11 or 12	Free	1 intake - early Feb 3 months 12 credits	BCIT - Burnaby (few days at their other 3-4 campuses)	<ul style="list-style-type: none"> Grade 10 or 11 core/requirements interest to learn more about the trades students may need to do 3 BCIT assessments - TBD
	The February 2023 intake is going to have a “Marine theme”, in so much as, students will experience 8-12 trades (ex: plumbing, electrical, welding, metal fabrication, millwright...) as it relates to that sector. Students might also get training and/or certifications in a number of different area, examples: General Safety, WHMIS, OFA 1, Fall arrest/protection, Hilti, Fit Test, Forklift + Fire Protection				
Trades Sampler “Motors & Engines”	Grade 11 or 12	Free	1 intake - early Feb 10 weeks 12 credits	VCC - Broadway	<ul style="list-style-type: none"> Grade 10 or 11 core/requirements any Math 11 (C+) pass 3 BCIT assessments (45 mins each): English, Mechanical Reasoning + Math
	The February 2022 focused on three trades: “Auto Service Technician”, “Auto Collision + Refinishing Technician” and “Heavy Duty Mechanics” Students also earned their forklift certification.				
Trades Discovery (“General” and “Women’s” Intakes)	Grade 12	Free	Two intakes – Sem 1 + 2: early Sept and early Jan 4 months 16 credits	BCIT (Burnaby mostly, but will visit their other 3-4 campuses)	<ul style="list-style-type: none"> Completion of grade 11 core/requirements any Math 11 (C+) do/pass 3 BCIT assessments: English, Mechanical Reasoning + Math
	Students in recent intakes experienced 1-4 days in each of the following areas: <ul style="list-style-type: none"> TRADES = Aerospace, Motorcycle Mech, Auto Collision, Auto Service Tech, Sheet Metal, Carpentry, Welding, Electrical, Machinist, Millwright + Marine TRAINING & CERTIFICATIONS = might include: General Safety, WHMIS, OFA 1, Fall arrest/protection, Hilti, Fit Test, Forklift + Fire Protection 				
Skills Exploration 10-12	gr 10s + 11s	Free	Sem 1 or 2, depending on school’s timetabling. Course is 4 credits	Presently offered at: Terry Fox, Gleneagle, Heritage Woods + Dr. Charles Best	<ul style="list-style-type: none"> None, ideally the student is using this course as a chance to learn more about a few trades and gain some hands-on skills that might lead to further investigation of the TRAIN programs
	Depending on the teacher’s offerings, students will experience 4 trades (3 from ‘must’ list + 1 optional) over a semester that are selected from: <ul style="list-style-type: none"> MUST (3-4 of): Automotive Service Tech, Baker, Cook, Carpenter, Design + Drafting, Electrician, Electronics + Robotics, Metal Worker or Welder OPTIONAL examples (0-1 of) = Horticulturalist, Tiler, Painter, Hardwood Floorer, Auto Painter, Auto Collision Repairer, Cabinet Maker, Sheet Metal Worker... 				
Enhanced Bridge Watch Program “begin your career at sea... working on ferries, tugboats, deep-sea vessels...”	Age Requirement	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	18 – 26 yrs old by end of program (open to grads)	Free	Oct. 17, 2022 – Feb. 22, 2023 or Feb. 6 – May 29, 2023 17 weeks (8.30am – 3.30pm) 20 credits	BCIT – North Vancouver campus	<ul style="list-style-type: none"> Full completion of grade 11 + plan for Eng 12 any Math 11 (C+)
In addition to “BCIT Bridge Watch Rating Assoc. Cert.” and “Transport Canada Bridge Watch Rating Cert.”, you will also earn:					
<ul style="list-style-type: none"> WHMIS (BCIT Workplace Hazardous Materials Information System) ROC-MC (Industry Canada Restricted Operator’s Certificate – Maritime Commercial) MBFA (Marine Basic First Aid Certificate) BST (STCW Basic Safety Training) PSC (STCW Proficiency in Survival Craft) 					

“Youth **WORK** in Trades” Program

visit [43Careers.com](https://www.43careers.com) or call Joanna Horvath 604-312-7739



Course Name(s)	Program Details				
	Open to	Student Cost	High school Credits	Location of Program	Requirement
Work 11a, 11b, 12a + 12b (4 courses in total)	gr 10s, 11s, 12s + 1 st year after grad	Free	For each 120 hrs worked in a trades, plus online course work, you receive 4 credits, up to 16 credits	in the community as a tradesperson with a company	<ul style="list-style-type: none"> you are presently working with as a paid tradesperson you were recently working with as a paid tradesperson... able to backdate up to 240 hrs towards your course hours