

“Youth **TRAIN** in Trades” Programs

more information and applications: [43Careers.com](https://www.43careers.com)

or call **Doug MacLean 604-341-8977**

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)	BCIT (Richmond - Aerospace Tech Campus)	<ul style="list-style-type: none">▪ Full completion of grade 11 (plan for Eng 12)▪ Auto 11, ideally Auto 12▪ Physics 11▪ any Math 11 (“C+”)▪ pass BCIT Mechanical Reasoning Assessment
Automotive Service Technician	Grade 12	≅ \$400	Intake: Feb all of semester 2 16 credits	Centennial	<ul style="list-style-type: none">▪ Auto 11 and Auto 12 (“C+”), or Auto 11 (“B”) and Physics 11▪ English 12▪ any Math 11 (“C+”)▪ “L” or “N” license + good computer skills
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 (a plan for English 12)▪ Recommended: any Auto 11 class▪ Recommended: “L” driver’s license
Baker	Grade 12	≅ \$1,900	Intake: mid-July 23 weeks 24 credits	VCC (downtown)	<ul style="list-style-type: none">▪ English 11▪ any Math 11 (“C+”)▪ short practicum at VCC (2-4 days)▪ Food Safe Level 1
Bricklayer (Mason)	Grade 11 or 12	≅ \$300	Intake: Sept all semester 1 16 credits	Pitt Meadows Sec. (Maple Ridge)	<ul style="list-style-type: none">▪ English 10 or 11▪ any Math 10 or 11 (“C+”)
Cabinet Maker	Grade 12	≅ \$700	Intakes: Aug, Oct + Mar 25 weeks 28 credits	BCIT (Burnaby)	<ul style="list-style-type: none">▪ Full completion of grade 11 (a plan for English 12)▪ Wood 11 and Wood 12
Carpenter	Grade 12	≅ \$450	Intake: Feb all semester 2 16 credits	Terry Fox (15 weeks) and BCIT – Burnaby (6 weeks)	<ul style="list-style-type: none">▪ Wood 11 (and ideally Wood 12)▪ any Math 11 (“C+”)▪ Drafting + Design 11 – strongly recommended
Professional Cook	Grade 12	≅ \$400	Intake: Feb all semester 2 16 credits	Three site options: Gleneagle, Centennial or Riverside	<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 (“C+”), or Pre-Calc (“C+”) or Workplace (“80%+”)▪ Physics 11▪ any Tech Ed 10 or 11 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 (a plan for English 12)
Heavy Duty Mechanic	Grade 12	≅ \$1,800	Intakes: Sept + Feb 36 weeks 28 credits	VCC (Broadway)	<ul style="list-style-type: none">▪ Full completion of grade 11 [including any Math 11 (“B”)]▪ Auto 11 (“B”) and Auto 12 (“B”)
Ironworker	Grade 12	≅ \$400	Intake: January (first week) 23 weeks 20 credits	BCIT (Burnaby)	<ul style="list-style-type: none">▪ Full completion of grade 11 (a plan for English 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
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 English 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">▪ Completion of gr 11 (a plan for English 12)▪ Math 11: Found (“C+”), or Pre-Calc (“C+”) or Workplace (“80%+”)▪ at least 1 Tech Ed 11 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 Arts 11 or 12
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">▪ Math 11: Found (“C+”), or Pre-Calc (“C+”) or Workplace (“80%+”)▪ 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 (a plan for English 12)▪ Strongly recommended: Chem 11, Math 12▪ Recommended: Electricity▪ pass BCIT Mechanical Reasoning Assessment
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 (a plan for English 12)▪ any Math 11 (“C+”)▪ Metal/Welding 11 (ideally Metal/Weld 12)

“Youth **EXPLORE** in Trades” Programs

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Trade Program	Program Details				
	Usually taken in	Student Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
Trades Sampler	Grade 11 or 12	≅ \$300 + safety shoes and clear safety glasses	Semester 2 (early Feb to late April) 12 credits	BCIT (Burnaby mostly, but will visit their other 3-4 campuses)	<ul style="list-style-type: none">Completion of grade 11 requirementsany Math 11 (“C+”)pass BCIT Mechanical Reasoning + Math Assessments
	<u>Students in the Feb 2018 class experienced 1-4 days in each of the following areas:</u> <ul style="list-style-type: none">TRADES = Aerospace, Motorcycle Mech, Auto Collision, Auto Service Tech, Sheet Metal, Carpentry, Welding, Electrical, Machinist, Millwright + MarineTRAINING & CERTIFICATIONS = General Safety, WHMiS, OFA 1, Fall arrest/protection, Hilti, Fit Test, Lift Truck + Fire Protection				
Skills Exploration 10-12	gr 10s + 11s	\$0	Sem 1 or 2, depending on school’s timetabling. Course is 4 credits	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
	<u>Depending on the teacher’s offerings, students will experience 4 trades (3 from ‘must’ list + 1 optional) over a semester that are selected from:</u> <ul style="list-style-type: none">MUST (3-4 of): Automotive Service Tech, Baker, Cook, Carpenter, Design + Drafting, Electrician, Electronics + Robotics, Metal Worker or WelderOPTIONAL examples (0-1 of) = Horticulturalist, Tiler, Painter, Hardwood Floorer, Auto Painter, Auto Collision Repairer, Cabinet Maker, Sheet Metal Worker...				

“Youth **WORK** in Trades” Program

more information: **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	\$0	For each 120 hrs worked as a paid tradesperson, plus online course work, = 4 credits, up to 16 credits	Working in the community as a paid employee in a trade	<ul style="list-style-type: none">you are presently working with a certified/qualified tradesperson