

TRAIN in Trades Programs

visit www.sd43.bc.ca/careerprograms or email Abraham Kang (akang@sd43.bc.ca)

Note: students do a trades program in grade 12, but apply during course selection time of grade 11



Trade Name	Student Cost	Length, Intakes & High school Credits	Location of Program	Pre-requisites (completed prior to start date)
Aircraft Maintenance Engineer (Cat M)	≅ \$600	Intakes: Aug, Jan + May 16 weeks 16 credits	BCIT - Richmond (near South Terminal airport)	- 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	≅ TDB	Intakes: Sept + Apr 39 weeks 40 credits	KPU - Cloverdale	- Full completion of grade 11 + plan for Eng 12 - Electricity 10, 11 or 12 <u>or</u> a Robotics class - Chemistry 11 or Physics 11
Automotive Service Technician	≅ \$400	Intake: Feb 20 weeks (all of semester 2) 16 credits)	Centennial	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (C+) - Auto 11 (B) and Auto 12 (C+), <u>or</u> Auto 11 (B) and Physics 11
Auto Collision & Refinishing Tech	≅ \$1,800	Intakes for both sites: Sept + Feb VCC – 35 weeks (28 credits) BCIT – 40 weeks (32 credits)	VCC – Broadway BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - Recommended: any Auto 11 class - Helpful: any Metal/Weld class
Baker	≅ \$2,200	Intake: mid-July to mid-Dec 23 weeks 24 credits	VCC - Downtown	- Complete gr 11 - VCC questionnaire + short PowerPoint portfolio - Food Safe Level 1 (certified before intake date)
Cabinet Maker (Joiner)	≅ \$700	Intakes: Aug, Oct + Mar 25 weeks 28 credits	BCIT - Burnaby	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (C+) - Wood 11 <u>and</u> Wood 12
Carpenter	≅ \$450	Intake: Feb 20 weeks (all semester 2) 16 credits	Terry Fox <u>and</u> BCIT – Burnaby (6 wks)	- Wood 11 (and ideally Wood 12) - any Math 11 (C+) - recommended: Drafting + Design 11
Professional Cook	≅ \$400	Intake: Feb all semester 2 (16 credits)	Riverside or Centennial	- Cook Training 11 <u>and/or</u> 12 <u>or</u> Foods & Nut. 11 and/or 12 (ideally two or three of them) - Food Safe Level 1 (certified before intake date)
Construction Electrician	≅ \$350	Intake: Sept 20 weeks (all semester 1) 16 credits	Dr. Charles Best	- Full completion of grade 11 - Math 11: Found / Pre-Calc (C+) <u>or</u> Workplace (B) - Physics 11 - any Tech Ed 10-12 course
Hairstylist	≅ \$3,000	Intakes: Sept, Oct, Jan, Mar + May 40 weeks (3 days/week, for 9 hrs/day) 40 credits	VCC - Downtown	- Full completion of grade 11 + plan for Eng 12 - Commitment to long-term (10 month) program - Either Mon-Wed or Thurs-Sat
Heavy Duty Mechanic	≅ \$1,800	VCC: Sept + Feb BCIT: Sept, Oct, Feb, Apr, May + June 36 weeks (28 credits)	VCC - Broadway BCIT – Annacis Island	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (B) - Auto 11 (B) <u>and</u> Auto 12 (B)
Ironworker	≅ \$400	Intakes: early Jan + mid-July 23 weeks 20 credits	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - Metal/Weld 11
CNC-Machinist	≅ \$1,300	Intake: Sept + Jan (first week) 25 weeks 24 credits	BCIT – Burnaby	- Metal 11 and/or Wood 11 - Basic knowledge of Fusion 360 software - Pass: BCIT Math Trades Entry Assessment
Landscape Horticulturist	≅ \$650	Intake: Feb 6 weeks 8 credits	KPU – Langley	- Any Math 11 (C+) - Any Science 11 - Interest in working with plants and landscapes
Marine Mechanical Tech	≅ \$500	Intakes: Sept + Feb 26 weeks 28 credits	BCIT – Annacis Island	- Full completion of grade 11 + plan for Eng 12 - Any Auto 11, plus either Metal <u>or</u> Electricity - any Math 11 (C+)
Metal Fabricator	≅ \$400	Intakes: Sept + Feb 23 weeks 20 credits	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - Metal/Weld 11 (and ideally Metal/Weld 12) - any Math 11 (C+)
Millwright	≅ \$1,200	Intakes for both sites: Sept + Feb 24 weeks 24 credits	BCIT – Burnaby KPU - Cloverdale	- Full completion of grade 11 + plan for Eng 12 - Math 11: Found / Pre-Calc (C+) <u>or</u> Workplace (B) - at least one Tech Ed 11-12 course
Motorcycle Mechanic	≅ \$500	Intakes: Sept + Feb 20 weeks (All sem 1 <u>or</u> all sem 2) 16 credits	BCIT - Burnaby	- Full completion of grade 11 - Auto 11 <u>or</u> related experience
Commercial Painter	≅ \$0	Intake: mid-June 6 weeks 8 credits	Fin. Trades Inst. - Surrey	Full completion of grade 11
Parts Technician	≅ TDB	Intake: March 20 weeks 20 credits	KPU – online	- Full completion of grade 11 + plan for Eng 12 - Good organizational and time mgmt. skills - Helpful: Accounting 11
Plumber	\$0	Intake: beg of sem 2 to mid-July 24 weeks 24 credits	Gleneagle (potentially some weeks at BCIT)	- Full completion of grade 11, including any Math 11 (C+) - recommended: any Tech Ed 10-12 course - If a graduate, Criminal Record Check is required
Refrigeration Mechanic	≅ \$900	Intake: Sept 25 weeks 24 credits	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 - Physics 11 - Strongly recommended: Chem 11 and Math 12 - Recommended: any Electricity class - Pass: BCIT Mechanical Reasoning Assessment
Security Systems Technician	≅ \$1,100 plus tools	Intakes: November + April 28 weeks 28 credits	BCIT – Burnaby	- Full completion of grade 11 + plan for Eng 12 “Security Worker License” (prior to being accepted) - any Math 11 (C+)
Sheet Metal Worker	≅ \$400	Intakes: Sept All semester 1 16 credits	BCIT – Burnaby	- Full completion of grade 11, including any Math 11 (C+) - Metal/Weld 11
Welder	≅ \$800	BCIT Intakes: Aug, Sept, Nov, Jan + Mar PIC intakes: Sept, Jan + Mar both are 28 weeks (28 credits)	BCIT – Burnaby <u>and</u> Piping Ind. College (PIC) - Annacis Island	- Full completion of grade 11 + plan for Eng 12 - any Math 11 (C+) - Metal/Welding 11 (ideally Metal/Weld 12)

EXPLORE in Trades Programs



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Program		Details			
Trades Sampler “Motors & Engines”	Usually taken in	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	Grade 11 or 12	Free	1 intake: early Feb 10 weeks (12 credits)	VCC - Broadway	- 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” Intakes)	Usually taken in	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	Grade 12	Free	Three intakes: September, January + May 4 months (16 credits) Note: very competitive to get a seat , only 2 reserved seats, per intake, for all Lower Mainland	BCIT (Burnaby mostly, but will visit their other 3-4 campuses)	- 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: 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	Usually taken in	Cost	Time & High school Credits	Location of Program	Pre-requisites (recommendations)
	gr 10s + 11s	Free	Sem 1 or 2, depending on school’s timetabling. Course is 4 credits	Presently offered at: CABB, Dr. Ch. Best, Gleneagle, Heritage Woods, Riverside + Terry Fox	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: 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)
	By the end of the program, students must be between 18-26 yrs old (open to grads)	Free	- Oct 16, 2023 – Feb 2, 2024 - Nov 6, 2023 – Mar 15, 2024 - Jan 22, 2024 – Apr 19, 2024 - plus more: TDB 20 credits	BCIT – North Vancouver campus Note: there may be some online components	- 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: 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)				

WORK in Trades Programs



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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 trade, plus online course work, you receive 4 credits, up to 16 credits	in the community as a tradesperson with a company	- you are presently working as a paid tradesperson - and/or - you were recently working as a paid tradesperson

*Students who successfully complete the **WORK** in Trades Program are eligible to apply for a **\$1000** scholarship*



as of September 2026 – please check the website for the most recent/ updated program information