**“**Youth[**TRAIN**](https://www.sd43.bc.ca/CareerPrograms/Pages/Trades.aspx#/=)in Trades**” Programs**

more information: visit [**43Careers.com**](https://www.sd43.bc.ca/CareerPrograms/Pages/default.aspx#/=)or email **CareerPrograms@sd43.bc.ca**

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| **Trade Name** | **Program Details** |
| **Usually taken in** | **Student Cost** | **Length, Intakes** & **High school Credits** | **Location of Program** | **Pre-requisites** |
| [**Aircraft Maintenance Engineer**](https://www.itabc.ca/program/aircraft-maintenance-technician) (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](https://www.bcit.ca/programs/aircraft-maintenance-engineer-category-m-maintenance-diploma-full-time-1230dipma/) - Richmond(beside South Terminal) | * Complete gr 11 + plan for English 12
* Auto 11 and ideally Auto 12
* Physics 11
* any Math 11 (C+)
* pass BCIT [Mechanical Reasoning Assessment](https://www.bcit.ca/trades-access/trades-entry-assessment/sample-assessments/)
 |
| [**Appliance Service Technician**](https://www.itabc.ca/program/appliance-service-technician) | Grade 12 | ≅ TDB | Intakes: Sept + Apr39 weeks40 credits | [KPU](https://www.kpu.ca/trades/appliance) - Cloverdale | * Complete gr 11 + plan for English 12
* Electricity 10, 11 or 12 (more is better)
* Chemistry 11 and/or Physics 11
 |
| [**Automotive Service Technician**](https://www.itabc.ca/sites/default/files/docs/automotive-service-technician-program-profile-april-2018-harmonized_0.pdf) |  Grade 12 | ≅ $400 | Intake: Feball of semester 216 credits | Centennial | * Complete gr 11 + English 12
* any Math 11 (C+)
* Auto 11 and Auto 12 (C+), **or**Auto 11 (B) and Physics 11
 |
| [**Auto Collision & Refinishing Tech**](https://www.itabc.ca/sites/default/files/docs/auto-body-and-collision-technician-program-profile-may-2020-harmonized.pdf) | Grade 12 | ≅ $1,800 | Intakes: Sept + FebVCC - 35 weeks (28 credits)BCIT – 40 weeks (32 credits) | [VCC](https://www.vcc.ca/programs/automotive-collision-and-refinishing-foundation-certificate/) – Broadway[BCIT](https://www.bcit.ca/programs/auto-body-repair-and-refinishing-technician-foundation-certificate-full-time-1255cert/) - Burnaby | * Full completion of grade 11 + plan for Eng 12
* Recommended: any Auto 11 class
 |
| [**Baker**](https://www.itabc.ca/sites/default/files/program-information/baker-program-profile-mar-2017.pdf) | Grade 12 | ≅ $1,900 | Intake: mid-July23 weeks24 credits  | [VCC](https://www.vcc.ca/programs/baking-foundation--high-school/) - Downtown | * Complete gr 11
* VCC questionnaire + short PowerPoint portfolio
* Food Safe Level 1
 |
| [**Cabinet Maker**](https://www.itabc.ca/sites/default/files/program-information/cabinetmaker-joiner-august-2014.1.pdf) | Grade 12 | ≅ $700 | Intakes: Aug, Oct + Mar25 weeks28 credits | [BCIT](https://www.bcit.ca/programs/joinery-cabinetmaker-foundation-certificate-full-time-2050ttcert/) - Burnaby | * Full completion of grade 11 + plan for Eng 12
* any Math 11 (C+)
* Wood 11 **and** Wood 12
 |
| [**Carpenter**](https://www.itabc.ca/sites/default/files/carpenter-program-profile-feb-2020-harmonized.pdf) | Grade 12 | ≅ $450 | Intake: Feball semester 216 credits | Terry Fox and[BCIT](https://www.bcit.ca/programs/carpentry-framing-and-forming-foundation-certificate-full-time-1645cert/) – Burnaby | * Wood 11 (and ideally Wood 12)
* any Math 11 (C+)
* Drafting + Design 11 – strongly recommended
 |
| [**Professional Cook**](https://www.itabc.ca/sites/default/files/program-information/professional-cook-1-profile-july-2017_0.pdf) | Grade 12 | ≅ $400 | Intake: Feball semester 216 credits | Gleneagle or Centennial | * 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**](https://www.itabc.ca/sites/default/files/docs/construction-electrician-profile-april-2018-harmonized.pdf) | Grade 12 | ≅ $300 | Intake: Septall semester 116 credits | Dr. Charles Best | * Full completion of grade 11
* Math 11: Found / Pre-Calc (C+) **or** Workplace (B)
* Physics 11
* any Tech Ed 10 or 11 course
 |
| [**Hairstylist**](https://www.itabc.ca/sites/default/files/program-information/hairstylist-profile-june-2020-current.pdf) | Grade 12 | ≅ $3,000 | Intakes: Sept, Oct, Jan, Mar + May40 weeks40 credits | [VCC](https://www.vcc.ca/programs/hairstylist/) - Downtown | * Full completion of grade 11 + plan for English 12
 |
| [**Heavy Duty Mechanic**](https://www.itabc.ca/sites/default/files/program-information/Heavy-Duty-Equipment-Technician-profile-sept-2018_0.pdf) | Grade 12 | ≅ $1,800 | VCC Intakes: Sept + FebBCIT: Sept, Oct, Feb, Apr, May + June 36 weeks28 credits | [VCC](https://www.vcc.ca/programs/heavy-mechanical-trades-foundation/) - Broadway [BCIT](https://www.bcit.ca/programs/heavy-mechanical-trades-foundation-certificate-full-time-1940cert/) - Burnaby | * Full completion of grade 11 + plan for Eng 12
* any Math 11 (B)
* Auto 11 (B) **and** Auto 12 (B)
 |
| [**Ironworker**](https://www.itabc.ca/sites/default/files/program-information/ironworker-generalist-august-2016.pdf) | Grade 12 | ≅ $400 | Intakes: January (first week) + July23 weeks20 credits | [BCIT](https://www.bcit.ca/programs/ironworker/) – Burnaby | * Full completion of grade 11 + plan for Eng 12
* Metal/Weld 11
 |
| CNC-[**Machinist**](https://www.itabc.ca/program/machinist) | Grade 12 | ≅ $1,300 | Intake: Sept + January (first week)25 weeks24 credits | [BCIT](https://www.bcit.ca/programs/cnc-machinist-technician-diploma-full-time-cooperative-education-1525ttdipl/) – Burnaby | * Metal 11 and/or Wood 11
* Basic knowledge of Fusion 360 software
* pass BCIT [Math Trades Entry Assessment](https://www.bcit.ca/trades-access/trades-entry-assessment/sample-assessments/)
 |
| [**MetalFabricator**](https://www.itabc.ca/program/metal-fabricator-fitter) | Grade 12 | ≅ $400 | Intakes: Sept + Feb23 weeks20 credits | [BCIT](https://www.bcit.ca/programs/metal-fabricator-apprenticeship-full-time-4430appr/) – Burnaby | * Full completion of grade 11 + plan for Eng 12
* Metal/Weld 11 (and ideally Metal/Weld 12)
* any Math 11 (C+)
 |
| [**Millwright**](https://www.itabc.ca/sites/default/files/docs/industrial-mechanic-millwright-profile-oct-2018-harmonized_0.pdf) | Grade 12 | ≅ $1,200 | BCIT Intakes: Sept + FebKPU Intake: Feb 24 weeks24 credits | [BCIT](https://www.bcit.ca/programs/millwright/) – Burnaby[KPU](https://www.kpu.ca/trades/millwright) - Cloverdale | * Full completion of grade 11 + plan for Eng 12
* Math 11: Found **/** Pre-Calc (C+) **or** Workplace (B)
* at least 1 Tech Ed 11 course
 |
| [**Motorcycle Mechanic**](https://www.itabc.ca/sites/default/files/program-information/motorcycle-mechanic-program-profile-august-2014.pdf) | Grade 12 | ≅ $500 | Intakes: Sept + FebAll semester 1 or all semester 216 credits | [BCIT](https://www.bcit.ca/programs/motorcycle-and-power-equipment-technician-foundation-certificate-full-time-2360ttcert/) - Burnaby | * Full completion of grade 11
* Auto 11 **or** related experience
 |
| Commercial[**Painter**](https://www.itabc.ca/sites/default/files/program-information/painter-and-decorator-january-2020.pdf) | Grade 11or 12 | ≅ $0 | Intake: mid-June6 weeks 4 credits | [Fin. Trades Inst.](https://ftibc.ca/apprenticeships/painting-and-decorating/)- Surrey | * Full completion of grade 11
* English Arts 11 **or** 12
 |
| [**Parts & Warehousing**](https://www.itabc.ca/program/parts-and-warehousing-person-1) | Grade 12 | ≅ TDB | Intake: March20 weeks20 credits | [KPU](https://www.kpu.ca/trades/appliance) – Cloverdale | * Full completion of grade 11 (including Eng 12)
* Good organizational and time mgmt. skills
* recommended: Accounting 11
 |
| [**Plumber**](https://www.itabc.ca/sites/default/files/docs/Plumber-Program-Profile-January-2019-Harmonized_1.pdf) | Grade 12(gr 11 is fine for PIC site) | KPU ≅ $200PIC ≅ $0 | PIC - intake: mid-June for 8 wks(8 credits)KPU - intake: all of semester 2(20 credits) | [Piping Ind. Coll. (PIC)](https://uapicbc.ca/plumbing-apprenticeship/)- Annacis Island[KPU](https://www.kpu.ca/trades/plumbing) – Cloverdale | * any Math 11 (C+)
* PIC: Work Experience 12 with a “plumbing’ placement, or have previous plumbing experience
 |
| [**Refrigeration Mechanic**](https://www.itabc.ca/sites/default/files/docs/Refrigeration-and-Air-Conditioning-Mechanic-Harmonized-Program-Profile-Dec-2018.pdf) | Grade 12 | ≅ $900 | Intake: Sept25 weeks24 credits | [BCIT](https://www.bcit.ca/programs/refrigeration-and-air-conditioning-mechanic-foundation-certificate-full-time-2425cert/) – Burnaby | * Full completion of grade 11 + plan for Eng 12
* Strongly recommended: Chem 11, Math 12
* Recommended: Electricity
* pass BCIT [Mechanical Reasoning Assessment](https://www.bcit.ca/trades-access/trades-entry-assessment/sample-assessments/)
 |
| [**Security Systems Technician**](https://www.itabc.ca/program/security-systems-technician) | Grade 12 | ≅ $1,100plus [specific tools](https://www.bcit.ca/programs/security-systems-technician-certificate-full-time-2915cert/#costs) | Intakes: November + April28 weeks28 credits | [BCIT](https://www.bcit.ca/programs/security-systems-technician-certificate-full-time-2915cert/) – Burnaby | * Full completion of grade 11 + plan for Eng 12
* [Security Worker License](https://www2.gov.bc.ca/gov/content/employment-business/business/security-services/security-industry-licensing/workers/qualifying) (prior to being accepted)
* any Math 11 (C+)
 |
| [**Sheet Metal Worker**](https://www.itabc.ca/sites/default/files/docs/sheet-metal-worker-program-profile-october-2018-harmonized_0.pdf) | Grade 12 | ≅ $400 | Intakes: Sept + FebAll semester 1 or all semester 216 credits | [BCIT](https://www.bcit.ca/programs/sheet-metal/) – Burnaby | * Full completion of grade 11
* any Math 11 (C+)
 |
| [**Welder**](https://www.itabc.ca/sites/default/files/program-information/welder-program-profile-oct-2017-harmonized.pdf) | Grade 12 | ≅ $800 | BCIT Intakes: Aug, Sept, Nov, Jan + MarPIC intakes: Sept, Jan + Marboth are 28 weeks (28 credits) | [BCIT](https://www.bcit.ca/programs/welder-foundation-certificate-full-time-2847cert/) – Burnaby[Piping Ind. Coll. (PIC)](https://uapicbc.ca/welding-foundation/)- Annacis Island | * Full completion of grade 11 + plan for Eng 12
* any Math 11 (C+)
* Metal/Welding 11 (ideally Metal/Weld 12)
 |

**“**Youth[**EXPLORE**](https://www.sd43.bc.ca/CareerPrograms/Pages/Explore_Trades.aspx#/=)in Trades**” Programs**

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| **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 Feb3 months12 credits | **BCIT** - Burnaby(few days at their other 3-4 campuses) | * 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”** | **Usually taken in** | **Cost** | **Time** & **High school Credits** | **Location of Program** | **Pre-requisites**(recommendations) |
| Grade 11 or 12 | Free | 1 intake - early Feb10 weeks12 credits | **VCC** - Broadway | * Grade 10 or 11 core/requirements
* any Math 11 (C+)
* pass 3 BCIT assessments (45 mins each):[English, Mechanical Reasoning + Math](https://www.bcit.ca/trades-access/trades-entry-assessment/sample-assessments/)
 |
| The February 2022 focused on three trades: “Auto Service Technician”, “Auto Collision + Refinishing Technician” and “Heavy Duty Mechanics”Students also earned their forklift certification. |
| [**TradesDiscovery**](https://www.bcit.ca/programs/trades-discovery-general-associate-certificate-full-time-1180acert/)(‘General” and “Women’s” Intakes) | **Usually taken in** | **Cost** | **Time** & **High school Credits** | **Location of Program** | **Pre-requisites**(recommendations) |
| Grade 12 | Free | Two intakes – Sem 1 + 2:early Sept and early Jan4 months16 credits | [**BCIT**](https://www.bcit.ca/programs/trades-discovery-general-associate-certificate-full-time-1180acert/)(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](https://www.bcit.ca/trades-access/trades-entry-assessment/sample-assessments/)
 |
| 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**](https://mytrainingbc.ca/youthexploreskills/) **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: Terry Fox, Gleneagle, Heritage Woods + Dr. Charles Best | * 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**](https://www.bcit.ca/programs/bridge-watch-rating-associate-certificate-full-time-2933acert/?gclid=EAIaIQobChMIydGdwODB-AIVmhitBh23Cw04EAAYASAAEgLnJvD_BwE&gclsrc=aw.ds)*“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 oldby end of program(open to grads) | Free | Oct. 17, 2022 – Feb. 22, 2023orFeb. 6 – May 29, 202317 weeks (8.30am – 3.30pm)20 credits | [BCIT](https://www.bcit.ca/programs/bridge-watch-rating-associate-certificate-full-time-2933acert/?gclid=EAIaIQobChMIydGdwODB-AIVmhitBh23Cw04EAAYASAAEgLnJvD_BwE&gclsrc=aw.ds) – North Vancouver campus | * 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)
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**“**Youth[**WORK**](https://www.sd43.bc.ca/CareerPrograms/Pages/SSA.aspx#/=)in Trades**” Program**

more information: [**43Careers.com**](https://www.sd43.bc.ca/CareerPrograms/Pages/default.aspx#/=)or call **Joanna Horvath 604-312-7739**

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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 + 1st year after grad | Free | 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  | * you are presently working with a **certified/qualified** tradesperson
 |