

Industry Training Programs within Career Education 2020-2021

Youth Train In Trades/Industry Certification/Connect Programs

- Begin focused **post-secondary training** while in high school! An application is required. (Jan. - Mar.)
- Burnaby pays the tuition for this ☺ \$250 deposit required – returned upon successful completion of prg.
- You receive high school credits **and**, in many programs, post secondary credits as well!
- Take main academic courses @ Moscrop, and take focused elective courses in most cases at another school

Youth Train In Trades (ACE-IT) – Burnaby offers 17 different professional training programs that provide students with a unique opportunity to earn graduation credits, post-secondary credits, and industry certification – **tuition free**.

1. Auto Collision Repair Technician – VCC / Mon. -Thurs. / all day / Oct-June (8 months)

- Work in an autobody shop or a car dealership
- Autobody repair, repair/adjust and replace sheet metal, and allied parts of vehicles

2. Auto Refinishing & Prep. Tech. – VCC / Mon. – Thurs. / all day / Feb. – June (5 months)

- Preparing vehicles for paint application, including masking, sanding & priming
- Estimate & calculate repair costs for clients

3. Auto Service Technician Level 1– Cariboo Hill / Day 1’s (1 year)

- Repair, adjust & replace mechanical or electrical parts of automobiles & trucks

4. (NEW) Cabinet Maker (Joiner) Feb-June /Alpha

- Joiners build, repair and re-style wooden furniture, cabinets, fixtures and other products
- Using architectural drawings, operate woodworking machines to cut and form parts.

5. Carpenter Level 1– Cariboo Hill / Day 1’s (1 year)

- Introduction to the construction industry
- Drawing and specification interpretation, material identification, framing
- Use of various hand tools, power tools, and shop machines

6. Construction Electrician Level 1– Burnaby Mountain / Day 1’s (1 year)

- Install, construct, alter, repair, maintain, test, service, calibrate & operate related electrical and electronic systems.
- Ensure all electrical connections are safe & meet the Electrical Code

7. Professional Cooks Training Level 1– Burnaby Central / Mon – Fri / 12:30pm – 4:30pm (1 year)

- Entry-level certification leading to an apprenticeship in the culinary industry
- Food preparation, equipment operation, and basic food service skills

8. Hairstylist – Alpha (2 years)

- Combination of theory and practical, hands-on experience. Yr 1= Day 1 Yr 2= Day 2
- At program end, students will be eligible to write the Certificate of Hairdressing Qualification exam, and if successful, will become a licensed Hairdresser

***Programs with Limited Enrollment Opportunities**

9. *Baking- VCC / Mon-Thurs / July-Dec. / 1pm-7:30pm

- Learn baking skills required by industry

10. *Metal Fabrication Program Level 1– BCIT / full time / Feb. – July (6 months)

- High-end metal work, design and build (e.g. staircases, artwork, tables, railings, etc.)

11. *Commercial Painting & Decorating Level 1– Finishing Trades Institute / full time / June-July (6 weeks)

- Learn how to select, prepare and apply paint and wall finishing

12.* Pipefitting – Squamish Nations Trade Centre / Feb. – July (6 months)

- Train in plumbing, piping and sprinkler fitting, first year of plumbing. Trades certification towards Apprenticeship

13.* Plumbing Level 1– Annacis Island / full time / June & July (6 weeks)

- Offered in June of Gr. 12 year, after classes are finished, leads to Apprenticeship immediately

14.* Millwright – BCIT / full time / Feb-July 24 –learn to install, repair and overhaul machinery

15.* Motorcycle and Power Equipment Mechanic - BCIT / full time / Feb-June

16.* Sheet Metal Worker BCIT full time/Sept –Jan or Feb-June fabricate, assemble install sheet metal

17.* Landscape Horticulturist Burnaby School District / full time / Level 1 Mid-Jan 6 weeks, Level 2 Mid Nov. – students who complete Level 1 with 70% have opportunity for paid Apprenticeship

More information on the district web-site about these Programs: <https://burnabyschools.ca/careereducation/>

Industry Certification Programs – Burnaby offers 5 unique programs that provide students the opportunity to earn graduation credits, post-secondary credits and industry certification.

- 1. Computer Networking Technician, Cisco Networking Academy**– Burnaby South / Day 1's (1 year)
 - Learn about the computer service industry, manage, repair, and troubleshoot system environments/computer hardware, CCNA Discovery certification exam preparation
 - Possible credit with BCIT – Computer Information Systems Technician Program
- 2. Fitness Leadership Instructor** – Burnaby South / every morning (1 year)
 - Earn graduation credits, certification as a fitness instructor, and possible credit in the Sport Science department at Douglas College.
 - Focus on Group Exercise or Weight Training, CPR, Emergency 1st Aid, BC Parks and Rec Fitness Leader Certification
- 3. Hotel & Event Management** – Burnaby Mountain / PM - Mon, Tues, Thurs. / 12:30-3:40 (1 year)
 - Complete courses and 2 certifications developed by the American Hotel & Lodging Assoc.
 - Supervision in Hospitality Industry, and Front Desk Operations Mgmt
 - Complete Food Safe Level 1, Superhost, and Serving It Right, and Foundations in Workplace safety certifications
 - Possible credit with Douglas College Hotel & Restaurant Mgmt Diploma Program
- 4. Palo Alto Cyber Security Academy** – Cariboo / Day 1's - (1 year)
 - Focused study on network security skills including firewall installation, antivirus/ antispyware
 - Receive globally recognized cyber security technician certification
- 5. Microsoft Office Specialist Certification** – Cariboo full time students only – for students Grade 8 -12
 - Receive globally recognized Microsoft Office Specialist (MOS) certification

Industry Connect Programs – Burnaby offers 6 unique programs that prepares students for Post Secondary programs + entry level work. Students develop a portfolio of their work.

- 1. Film & Broadcast** – Burnaby North / Day 1's - PM Period 3 and 4 / 12:30 -4:15 (1 year)
 - Gain practical on-set experience in class and in the real world
 - Writing for TV, newscasts, and film, learn shooting & editing of HDV
 - Possible preferred acceptance to BCIT Broadcast & Media Communications Program
 - 2. Graphics/Media Arts** – Byrne Creek / 3 afternoons per week / 12:50 – 4:00 (1 year)
 - Obtain experience & knowledge of Adobe Photoshop, Adobe Illustrator, Final Cut Pro, Flash MX, and Pro Tools sound editing
 - This can lead to opportunities in fields such as graphic design, photography, web design and video and film production.
 - 3. Health Sciences** – Moscrop / 3 afternoons per week / Mon, Tues, Thurs 12:50-4:00 (1 year)
 - Discover a career path to Health careers, apply classroom human biology at BCIT
 - Participate in simulations and learn about diabetes, heart disease and cancer diagnosis
 - Learn about BCIT's various health care programs
 - Participate in work experience a few hours a week for 10 months
 - 4. Mechatronics (Robotics)**- Alpha / Day 1's-PM Period 3and 4 / 12:30-4:00 (1 year)
 - Learn about various areas within the field of robotics and automation.
 - Will cover aspects of drafting, electronic theory, design and fabrication of Vex Robotics
 - Programing in (Robotics C, Arduino, G Code)
 - 5. Music Production & Technology** – Burnaby North / Day 1's - PM Period 3 and 4 / 12:30 – 4:15 (1 year)
 - Prepares students for live studio recording and engineering or working in post-production facilities
 - Possible preferred acceptance to Douglas College Music Technology Certificate Program
 - 6. Digipen Gaming Academy** – Cariboo students only / for students in grade 8-12
 - Focused study on game design, animation, computer science, sound design and computer engineering
- Youth Work in Trades (SSA)** – open to students in Grades 10, 11 or 12 (min. age 15 yrs)
- Students are responsible for finding a suitable qualified employer, that will hire the student as an apprentice and participate in **480 hours of paid work experience** and are registered with the Industry Training Authority (ITA)
 - Dual credit program - students receive 16 graduation credits. Application is required. Successful Youth Work students are eligible for a \$1,000 award

More information on the district web-site about these Programs:

<https://burnabyschools.ca/careereducation/>

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