
# Industry Training Programs within Career Education 2023-2024

**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
* If you continue in the field of work / study after high school you might be eligible for a Board Authority Scholarship

**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 & Refinishing Technician** – VCC / 32 credits / 2 intakes: Sept-June/ Feb-Oct

* Work in an autobody shop or a car dealership
* Autobody repair, repair/adjust and replace sheet metal, and allied parts of vehicles
* Preparing vehicles for paint application, including masking, sanding & priming
* Estimate & calculate repair costs for clients

**2. Auto Service Technician Level 1**– Cariboo Hill Current grade 10, 11 or 12 can apply

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

**3. Carpenter Level 1**– Cariboo Hill - Current grade 10, 11 or 12 can apply

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

**4. Construction Electrician Level 1**– Burnaby Mountain Current grade 10, 11 or 12 can apply

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

**5. Professional Cooks Training Level 1**– Burnaby Central / Current grade 10, 11 or 12 can apply

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

**6. Hairstylist** – Alpha starts Feb 2023- Ends Jan 2024 Current grade 10, 11 or 12 can apply

* Combination of theory and practical, hands-on experience.
* 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**

**7. \*Baking-** VCC / Mon-Thurs / Aug-Jan / 1pm-7:30pm Current Gr 10 or 11 can apply

* Learn baking skills required by industry

**8. \*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.)

**9. \*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

**10.\* Heavy Duty Mechanics Level 1-**

* Learn to safely inspect, service, and repair commercial trucks, diesel engines, transport trailers, and

other heavy equipment

**11.\* Plumbing Level 1**– Annacis Island / full time / June & Aug (6 weeks) – interviews: Feb 2023

* Offered in June of Gr. 11 or 12 year, after classes are finished, move into apprenticeship after

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

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

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

**15.\* Welder**  Annacis Island- PIC / Jan-July / Aug-March

* Learn to weld ferrous and non-ferrous metals, on both plate and or pipe, using various welding processes. Learn layout, shearing and cutting with a torch.

**16**.\* **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

**17.\* Other trades:** Burnaby wants to support youth interested in trades. We are willing to see if we can purchase one seat in various other trades. For example: lather, sheet metal fabrication…https://youth.itabc.ca/careers/

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

* 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. Tourism & Event Management** – Burnaby Mountain

* Learn about event planning and coordination, managing dining/food service, banquets and conventions, sales & marketing, adventure tourism management / guides / cruise ship personnel, human resources / resort management, guest services, concierge
* Complete Food Safe Level 1, Serving It Right, World Host Fundamentals & Foundations in Workplace safety certifications
* Possible credit with Douglas College Hotel & Restaurant Mgmt Diploma Program

**4. Palo Alto Cyber Security Academy** – Cariboo

* 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

* 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

* Obtain experience & knowledge of Adobe Photoshop, Adobe Illustrator, Animate, Premiere Pro & In Design. Learn about graphic design layout for posters, logos, products, magazines and 2D animation.
* Learn about video and film production, bring characters and stories to life. Learn the camera, composition, exposure, light, depth of field and perspective, learn editing, and retouching.
* This can lead to opportunities in fields such as graphic design, photography, web design and video and film production.

**3. Health Sciences** – Moscrop /

* Discover a career path to Health careers, experience various guest speakers
* Complete Autonomy and Physiology 12, and two advanced Health Science electives
* Participate in simulations and learn about diabetes, heart disease and cancer diagnosis

**4. Mechatronics (Robotics)-** Alpha /

* 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 /

* 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 (Apprenticeship)**

**–** open to students in Min Age 15 to recent graduates up to age 19.

Students interested in working in a trade after high school? You can start your trade: during or after graduation.

Work in a trade with a suitable qualified employer, who will hire you as a Youth Apprentice. Contact Ms. Wispinski, Youth Apprentice Teacher: to get registered with SkilledTradesBC as a YOUTH apprentice. Complete a min. of **480 hours of paid work experience** to earn the 16 graduation credits. Students completing 900 work-based training hours reported to SkilledTradesBC can be eligible for a $1,000 award. https://youth.skilledtradesbc.ca/programs/work/

**Hidden Apprentices:** Students currently working in trades with family or part time work can register.

**MORE INFORMATION:** [**https://burnabyschools.ca/careereducation/**](https://burnabyschools.ca/careereducation/)

**Tracey.Wispinski@BurnabySchools.ca****,** Room 313 or call Moscrop: 604-296-6895