

Industry Training Programs within Career Education 2022-2023

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 can 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 2022**- Ends Jan 2023 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 2022

- 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/ antispymware
- 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 the ITA 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 the ITA can be eligible for a \$1,000 award. <https://youth.itabc.ca/programs/work/>
Hidden Apprentices: Students currently working in trades with family or part time work can register.

MORE INFORMATION: <https://burnabyschools.ca/careereducation/>
Tracey.Wispinski@BurnabySchools.ca, Room 313 or call Moscrop: 604-296-6895