

WELDER TRAINING - LEVEL B, LEVEL A MODULAR

In 2021/2022 this trades program via Distributed Learning with a focus on blended delivery. Trades students must prepare for in-person learning on campus where practical components of training. Learn more about Distributed Learning (<https://www.coastmountaincollege.ca/programs/discover/distributed-learning/>) at CMTN.

View on YouTube (<https://www.youtube.com/watch?v=w3K5UyQHsTU>)

Note: The Welder Training program is currently under review by the Industry Training Authority of British Columbia (ITA). The ITA has approved a new apprenticeship training model that replaces Welder Foundations, B, and A. For further information regarding the change please see the New BC Apprenticeship Training Model for Welder Certification (<http://www.itabc.ca/sites/default/files/program-information/ita-new-bc-apprenticeship-training-model-welder-certification.pdf>) [PDF].

A Welder is a person who has training in and is capable of welding ferrous and non-ferrous metals in all positions, on both plate and/or pipe, using SMAW, GTAW, and FCAW processes. Welders use manual or semi-automatic welding equipment. They use flame-cutting, brazing and air-arcing equipment. Additionally, they use machines such as brakes, shears and other metal straightening and bending machines. Welders generally plan work from drawings or by analyzing the job tasks, determine the materials required and welding processes, then use their knowledge of welding to complete the job. They may specialize in certain types of welding such as custom fabrication, ship building and repair, pressure vessel welding, pipeline construction welding, structural construction welding or machinery and equipment repair welding. Workers use blueprint symbols to determine machining operations. They check product specifications using precision measuring instruments, and maintain equipment and replace parts when required.

Extended B is 24 weeks, B is 16 weeks and A is 8 weeks.

CMTN is a recognized **Welder Test Centre** for the Canadian Welding Bureau (<https://www.cwbgroup.org/>). Students are required to have Personal Protective Equipment (PPE) and Tools for the testing:

- Download the CWB Requirements & CMTN Testing and Upgrading Fee Schedule form [PDF]
- View the PPE & Tools List (<https://coastmountaincollege.ca/docs/default-source/program-forms/weldap/ppe-tool-list-for-testing.pdf>) [PDF]

Apply to CMTN

Visit Apply to CMTN (<https://www.coastmountaincollege.ca/admissions/apply-to-cmntn/>) for an Admissions Checklist and to apply online.

Our Educational Advisors (<https://www.coastmountaincollege.ca/student-services/student-support/educational-advising/>) are here to help if you have any questions or need guidance along the way.

Dates and locations

Intake	Location
Level B: October 4, 2021 - April 1, 2022	Terrace Campus
Level B Extended: October 4, 2021 - April 1, 2022	Terrace Campus

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Future planned intakes may be subject to change. Please check back to confirm availability.

View the Enhanced Welding Foundation (<https://catalogue.coastmountaincollege.ca/programs/welding-foundation/>) dates and locations.

Faculty

Faculty Member	Campus Location
Tom Fodor (https://coastmountaincollege.ca/about-cmntn/department-contacts/details/tom-fodor/)	Terrace
Bruce Neid (https://coastmountaincollege.ca/about-cmntn/department-contacts/details/bruce-neid/)	Terrace

Students entering the modular welding program must provide log book for admission purposes.

- Welder B Extended - 24 weeks of in-school training
- Welder B – 16 weeks of in-school training and 1000 work based training hours
- Welder A – 8 weeks of in-school training

After completing both the in-school training and work experience, individuals will receive the BC Certificate of Qualification and Registration Seal for the level of certification they have completed. Level B Welders are eligible to challenge the Interprovincial Standard Endorsement (Red Seal).

NOTE: The BC Welder Training Program and Welder Certification is currently under review and is subject to some minor changes.

The best source for the most up-to-date information on Welder training and certification in BC is the Industry Training Authority (ITA) website (<http://www.itabc.ca/program/welder/>).

For new program details, visit the ITA website and review the Welder Program Outline (http://www.itabc.ca/sites/default/files/docs/Welder-Outline-August-2016_0.pdf) [PDF]

Welder B Extended (24 weeks)



- Welder C Certification OR
- Welder Foundation program completion OR
- Level 2 welding
- *recommended* 1000 work based training hours

Welder B (16 weeks)

- Welder C Certification OR
- Welder Foundation program completion OR
- Level 2 welding
- *required* 1000 work based training hours

Welder A (8 weeks)

- Welder B certification

Learners should be aware that many employers require Grade 12 completion.

Complete a CMTN Bursary Application (<https://coastmountaincollege.ca/student-services/financial-aid/cmtn-awards-bursaries-scholarships/>) [PDF]

Welding A program fees

Fees	Domestic	International
Full Time:	8 weeks	8 weeks
Tuition:	\$593.84	\$2,523.68
Student Union Fees:	\$41.92	\$41.92
Mandatory Fees:	\$363.36	\$366.36
Health Insurance:	N/A	\$316.24
Tuition Total:¹	\$999.12	\$3,245.20

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Please note that these are approximate costs and may vary depending on the number of weeks required to complete the level. Additional weeks (generally in 4 week blocks) may be arranged with the coordinator or instructor.

Welding B program fees

Fees	Domestic	International
Full Time:	16 weeks	16 weeks
Tuition:	\$1,211.36	\$5,148.32
Student Union Fees:	\$83.98	\$83.98
Mandatory Fees:	\$739.52	\$763.50
Health Insurance:	N/A	\$298.75
Tuition Total:¹	\$2,034.86	\$6,294.55

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Please note that these are approximate costs and may vary depending on the number of weeks required to complete the level. Additional weeks (generally in 4 week blocks) may be arranged with the coordinator or instructor.

Welding B program fees - extended 24 week program

Fees	Domestic	International
Full Time:	24 weeks	24 weeks
Tuition:	\$1,817.04	\$7,722.48
Student Union Fees:	\$83.98	\$83.98
Mandatory Fees:	\$1,109.28	\$1,157.16
Health Insurance:	N/A	\$298.75
Tuition Total:¹	\$3,010.30	\$9,262.37

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Please note that these are approximate costs and may vary depending on the number of weeks required to complete the level. Additional weeks (generally in 4 week blocks) may be arranged with the coordinator or instructor.

Fees are effective as of August 1, 2021 for the 2021/22 academic year.

Books & supplies

- Level A Book List (<https://coastmountaincollege.ca/student-services/campus-facilities/bookstore/booklists/>) (Select appropriate campus)
- Level B Book List (<https://coastmountaincollege.ca/student-services/campus-facilities/bookstore/booklists/>) (Select appropriate campus)
- Tool List (<https://catalogue.coastmountaincollege.ca/programs/welder-training-foundation/file:///C:/Users/azacherdavidson/OneDrive%20-%20Coast%20Mountain%20College/Desktop/Welding%20Student%20Supplies%20List.html>): \$654.16

Books are available at the CMTN Bookstore (<https://coastmountaincollege.ca/student-services/campus-facilities/bookstore/>). Please check your local campus for details.

Tool kits are available for purchase at the registration office. Kits are limited and reserved for students enrolled in specific Trades programs only. Tool kits do not include the required PPE and Supplies on the TOOLS/SUPPLIES LIST. Prices are subject to change without notice.

In addition to the fees outlined in the Program Fees section, the following additional costs apply:

- Purchase of necessary learning resources (available at the CMTN Bookstore)
- Personal Protective Equipment
- Classroom Supplies
- Appropriate clothing
- Tools

Career opportunities

Graduates find employment in fabrication shops, maintenance shops and manufacturing plants servicing the fishing, forestry, mining, petroleum, manufacturing and transportation industries. Foundations Welders are restricted to structural and non-pressure applications. Certified B Level



Welders are eligible to obtain pressure welding certification. Certified A Level Welders are eligible to work throughout the welding industry.

