

CITATION IN WELDING LEVEL B

At a Glance

Faculty

www.kpu.ca/trades (<http://www.kpu.ca/trades/>)

Area of Study:

www.kpu.ca/trades/welding (<http://www.kpu.ca/trades/welding/>)

Academic Level:

Vocational

Credential Granted:

Citation

Intake Type:

- Limited

Minimum Credits Required:

10

Curriculum Effective Date:

01-Sep-2011

Welding Level B is a 16 week program that provides students with advanced training in a variety of processes and applications with an emphasis on pipe welding, inspection and standards. Registration at the 'B' level requires a combination of in-school technical training and work-based field experience. Additional information is available at: kpu.ca/trades/welding (<http://www.kpu.ca/trades/welding/>).

Apprenticeship and Modular Pathways

There are two pathways for progression beyond the Welding Foundation/ Welder C level. Students with an employer sponsor will progress to Welder Apprentice (<https://calendar.kpu.ca/apprenticeships/welding-apprenticeship/>) Level 3, followed by the Specialty Metals Endorsement. Students without an employer sponsor will progress to Welder Level B followed by Welder Level A.

Please see [kpu.ca/trades](http://www.kpu.ca/trades) (<http://www.kpu.ca/trades/>) for schedule information.

Employment Insurance (EI) and Canada Apprentice Loan

Provincial program financial supports must be applied for online through the Apprentice Online Portal (<https://www.canada.ca/en/services/benefits/ei/ei-regular-benefit/apply.html>). Eligible welder apprentices should apply for these supports four to six weeks in advance of the start of their technical training.

The Canada Apprentice Loan is an initiative of the Government of Canada. As of January 2015, apprentice can apply for up to \$4,000 in interest-free loans per period of in-school technical training. Funds can help pay for tuition, tools, equipment and living expenses. Information is available at the Canada Apprentice Loan Service Centre (<https://www.pca-cal.ca/en/Home/>).

Requirements

Admission Requirements

The following admission requirements apply:

- Adequate reading comprehension and math skills as assessed by KPU
- Satisfactory physical health
- Completion of Level 'C' training or successful Level 'C' challenge through SkilledTradesBC

Accessibility Services (Accommodations): Students seeking accommodations for a disability should contact Accessibility Services to explore options to remove potential barriers to their learning experience. Prospective students and applicants are encouraged to reach out for support as early as possible as some services require advance planning. An Accessibility Advisor or Learning Specialist will review the course essential skills and abilities and determine what, if any, accommodations could support your education.

SkilledTradesBC Requirements

SkilledTradesBC requires students in the Welding Level B program to meet the following pre-requisites:

- Welder C Certificate of Qualification, **or**
- Welder Foundation Certificate of Completion + 1,000 work-based training hours (hours verified by SkilledTradesBC before Welder B registration accepted), **or**
- Welder Apprenticeship Levels 1 and 2 + 1,000 work-based training hours

Curricular Requirements

Our welding program is based on British Columbia Provincial modular training and is consistent with all other training providers in BC. It is designed to combine welding theory and practical skills.

Hands-on shop experience is the basis on which skills are developed in the program. The program is designed to accommodate past experience; credit and/or advancement will be given to students who can demonstrate learned skills plus theoretical knowledge.

Students must achieve a minimum grade of B- in all required courses:

Code	Title	Credits
WELD 2100	Shielded Metal Arc Pipe Welding	5
WELD 2110	Welding Standards and Testing	1
WELD 2130	Piping Drawings	1
WELD 2150	Alloy Metallurgy	1
Select at least one of the following:		2
WELD 2120	Gas Metal Arc Alloy Welding	
WELD 2140	Advanced Flux Core Arc Welding	
WELD 2160	Basic Gas Tungsten Arc Welding	
Total Credits		10

Other Information

Special Equipment

Students will require appropriate personal safety clothing and CSA approved steel toed boots. Safety glasses, hearing protection, leather gloves, leather jacket or apron, welding helmet and cutting goggles

are also required. A list of required tools, equipment or supplies will be provided by the instructor at the start of the program.

Credential Awarded

Upon successful completion of this program, students are eligible to receive a **Citation in Welding Level 'B'** and the Level 'B' training endorsement in their Log Book.

KPU will report your in-school technical training completion information to SkilledTradesBC in order for SkilledTradesBC to determine credit towards your designated apprenticeship.