

# Welding Level 'B': Citation

<b>Faculty of Trades and Technology</b>	kwantlen.ca/trades
<b>Welding</b>	kwantlen.ca/trades/welding
<b>Implementation Date</b>	01-Sep-2011
<b>Start Date(s)</b>	Varies
<b>Admission Type</b>	Fixed term
<b>Enrolment Type</b>	Limited enrolment
<b>Program Type</b>	Vocational
<b>Credential Granted</b>	Citation
<b>Offered At</b>	Cloverdale
<b>Format</b>	Full-time
<b>How to Apply</b>	www.kwantlen.ca/admission

## DESCRIPTION

The 16 week Level 'B' welding program 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 on our program website at: [kwantlen.ca/trades/welding](http://kwantlen.ca/trades/welding).

## PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements including the vocational-level English Proficiency Requirement, the following program admission requirements apply.

- Adequate reading comprehension and math skills as assessed by Kwantlen
- Satisfactory physical health
- Completion of Level 'C' training or successful Level 'C' challenge through ITA
- Interview with instructor

Students with mental or physical impairments who may require program or practicum accommodations, should contact the Program Chair at 604.598.6148 to discuss required skills and competencies, and a Disability Advisor at 604.599.3233 to ensure appropriate accommodations can be arranged.

## PROGRAM 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.

## Required Courses:

WELD 2100	(P-7) Shielded Metal Arc Pipe Welding	5 credits
WELD 2110	(RK-5) Welding Standards and Testing	1 credit
WELD 2130	(RK-6) Piping Drawings	1 credit
WELD 2150	(RK-7) Alloy Metallurgy	1 credit

## And at least one of:

WELD 2120	(P-8) Gas Metal Arc Alloy Welding	2 credits
WELD 2140	(P-9) Advanced Flux Core Arc Welding	2 credits
WELD 2160	(P-10) Basic Gas Tungsten Arc Welding	2 credits

**Note:** Students must achieve 70% (B-) or better in practical exams and assignments.

## 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 complete list of tools and equipment will be provided by Admissions.

## 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.