

Welding Level 'C': Certificate

Faculty of Trades and Technology	
kwantlen.ca/trades	
Welding	
kwantlen.ca/trades/welding	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	Citation
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

DESCRIPTION

The 28 week Level 'C' welding program prepares students to find employment at the entry level. Students will develop the necessary skills and knowledge to work safely and effectively using a variety of welding processes and procedures. Registration at the 'C' level requires a combination of in-school technical training and work-based experience in the welding field. Additional information is available on our program website at: 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.

- Satisfactory physical health
- Interview by an instructor
- Adequate reading comprehension and math skills as assessed by Kwantlen

Students with mental or physical impairments, who may require program 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.

CONTENT

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 1010 (P-1) Worksite Safety and Orientation 1 credit

WELD 1115	(P-2 & P3) Oxy-Fuel Welding and Cutting	4 credits
WELD 1120	(P-4) Basic Shielded Metal Arc Welding	4 credits
WELD 1130	(P-6) Basic Gas Metal Arc Welding I	4 credits
WELD 1140	(RK-1) Material Handling	1 credit
WELD 1200	(P-5) Air Arc and Plasma Arc Cutting	1 credit
WELD 1210	(P-4) Advanced Shielded Metal Arc Welding	4 credits
WELD 1220	(RK-2) Read Technical Drawings	1 credit
WELD 1230	(P-6) Gas Metal Arc Welding	4 credits
WELD 1240	(RK-3) Basic Metallurgy	1 credit
WELD 1250	(P-1) Stationary Shop Equipment	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.

GRADUATION

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

For students registered in the ACE-IT program (high school partnership):

Upon successful completion, Kwantlen will also report your technical training completion information to the Industry Training Authority (ITA) in order for the ITA to determine credit towards your designated apprenticeship.