

Building Envelope Technician: Apprenticeship

Faculty of Trades and Technology	
kwantlen.ca/trades	
IMPLEMENTATION DATE	START DATE(S)
01-Sep-2011	Varies
ADMISSION TYPE	ENROLMENT TYPE
Fixed term	Limited enrolment
PROGRAM TYPE	CREDENTIAL GRANTED
Vocational	No Credential
OFFERED AT	FORMAT
Cloverdale	Full-time
HOW TO APPLY	
www.kwantlen.ca/admission	

DESCRIPTION

A Building Envelope Technician's job is to enclose a house from the foundation up, keeping weather out and warmth in while creating openings for windows, door and utilities. The Building Envelope Technician program gives you the skills, training and knowledge you need to become a provincially-recognized, certified tradesperson. The program gives you the skill, training and knowledge to safely install, seal, repair, replace and remove external walls in residential homes, including wall and foundation interfaces, wall and ceiling interfaces, window and door openings, plumbing heat and electrical systems.

PROGRAM ADMISSION REQUIREMENTS

In addition to Kwantlen's General university admission requirements, the following program admission requirements apply:

APPRENTICES

- An ITA Individual ID number (ITA-ID) is required. Apprentices who do not have a valid ITA-ID must complete the apprentice sponsorship form and submit to the Dean's Office for processing.

NON-APPRENTICES

- Successful completion of English 11 (or equivalent)
- Successful completion of Mathematics 11 (or equivalent)
- Interview

- Submission of sponsorship application

CONTENT

BUILDING ENVELOPE TECHNICIAN (ARCT 1010)

- Overview of Building Envelope Technician's Work
- Scope & Responsibility
- Use of Safe Work Practices
- Use and Care of Equipment and Tools
- Understand Building Science
- Understand Applied Building Science
- Describe Walls
- Understand Relevant Regulatory Requirements
- Reading Drawings, Plans and Specifications
- Apply Sheathing Membrane
- Install Window and Doors
- Flash Windows, Doors and Other Locations
- Apply Self Adhered Membrane
- Install Strapping
- Apply Sealants
- Apply Cladding

GRADUATION

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