

Building Envelope Technician: Apprenticeship

Intakes for this program have been postponed indefinitely.

Faculty of Trades and Technology	kwantlen.ca/trades
Implementation Date	01-Sep-2011
Start Date(s)	Varies
Admission Type	Fixed term
Enrolment Type	Limited enrolment
Program Type	Vocational
Credential Granted	No Credential
Offered At	Cloverdale
Format	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 provides 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

Note: International student Application for Admission requires approval of the Dean.

PROGRAM REQUIREMENTS

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

CREDENTIAL AWARDED

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.