

Masonry: Citation (Foundation)

Faculty of Trades and Technology	
kwantlen.ca/trades	
Masonry	
kwantlen.ca/trades/masonry	
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

In this 20 week program students will acquire training for employment as an apprentice Mason (Bricklayer). Masons work with brick, concrete and glass block, terra cotta and stone. Work can be as simple as laying a wall or as complex as installing an ornate exterior on a high-rise building. Masons work outside and the work is very physical. Masons use power and hand tools, and material moving equipment. Masons also read blueprints, building codes, industry safety requirements, and guidelines for handling hazardous materials. Hands-on shop experience is the basis on which skills are developed in the program.

Students who complete the Masonry Foundation program are eligible for credit for first level of apprenticeship in-school technical training, as well as 400 work-based hours toward completion of the Mason (Bricklayer) apprenticeship program. Additional information is available on our program website at kwantlen.ca/trades/masonry.

Since this is a Red Seal trade, additional information is available at the Red Seal website.

PROGRAM ADMISSION REQUIREMENTS

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

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

Students with mental or physical impairments, who may require program or practicum accommodations, should contact the Program Coordinator to 604.598.6124 to discuss required skills and competencies, and a Disability Advisor to 604.599.3233 to ensure appropriate accommodations can be arranged.

CONTENT

- Bricklaying

- Scaffolding
- Bonds and bond patterns; wall structures, terminology, corner layout and construction
- Interpretation of blueprints and working drawings of the construction industry
- Estimation procedures
- Interpretation of specifications
- Walls; solid, hollow, cavity, veneered, composite, reinforced and retaining
- Columns, piers and pilasters in brick and block

Required Courses:

MSRY 1001	History and Communication	1.5 credits
MSRY 1005	First Aid and Safety in the Masonry Trade	2.5 credits
MSRY 1010	Materials in the Masonry Trade	3 credits
MSRY 1015	Mortar, Grout and Layout and Construction in Brick Masonry	2 credits
MSRY 1020	Hand Tools	3 credits
MSRY 1025	Power Tools and Related Equipment	3 credits
MSRY 1030	Basic Blueprint Reading, Estimating and Layout	3 credits

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

OTHER INFORMATION

Special Equipment

Students will require appropriate safety wear (including shoes with steel toe construction, steel shanks, and ankle support) in conformance with Workers' Compensation Board regulations.

GRADUATION

Upon successful completion of this program, students are eligible to receive a **Citation in Masonry**.

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.