



# Bricklayer

Learn to prepare and lay brick and other masonry units to construct and repair structures such as walls, partitions, patios, arches, fireplaces and chimneys.

If you take pride in precise work, being creative and working on a team, you will enjoy a career as a bricklayer.

As a bricklayer, your duties will include preparing and laying brick and other masonry units to construct and repair structures such as walls, partitions, patios, arches, fireplaces and chimneys.

You will work with masonry materials such as brick, concrete block, stone, structural tile and precast panels. You'll also lay or install fire brick or castable materials in commercial and industrial vessels, as well as acid tile and acid brick.

As a bricklayer, you will often:

- interpret drawings and blueprints and calculate the materials required
- measure from an established starting point and construct corners first, using a plumb line and mason's level to ensure each layer will be level from corner to corner
- spread mortar over the base or previous layer, spread more mortar on one end of each brick to be laid and lay the bricks into position
- remove excess mortar after the brick (or other masonry material) is in position
- use a hammer and chisel or masonry saw to cut bricks to fit, as required

At the end of the training, you will know the properties of various mortars and other bonding materials, and how to handle different types of masonry units.

This is a non-compulsory trade – individuals can work in the trade without certification if the employer deems the individual to have the skills of a journeyperson. However, individuals who are working in the trade and learning the trade must become a registered apprentice.

## Is this the right fit for me?

To be successful in their trade, bricklayers must have:

- the ability to use proper lifting techniques to work with heavy tools and materials weighing in excess of 25 kilograms
- manual dexterity and a good sense of balance
- the ability to get along well with co-workers
- an eye for colour, line and proportion
- a dedication to safety.

## Credentials

Upon successfully completing the required working hours and apprenticeship education periods, graduates will be awarded journeyperson status by Alberta's Apprenticeship and Industry Training.

Bricklayer is a Red Seal Endorsed trade – a recognizable standard that allows tradespeople to work across Canada.

## Costs 2022/23

### Tuition and fees\*

Period	Tuition fees	SAIT fees	Saitsa fees	Total
1	\$960	\$231	\$72	\$1,263
2	\$960	\$231	\$72	\$1,263
3	\$960	\$231	\$72	\$1,263

## SAIT fees

**Campus recreation fee:** \$49

**Lab and material fee:** \$82

**Student support fee:** \$50

**Student technology fee:** \$50

## Books and supplies\*

- Books or modules along with other items for class average out to \$600 per period.
- It is recommended that you do not purchase books or modules ahead of time as they might be outdated by the time you attend classes and they cannot be returned to the bookstore.
- Personal Protective Equipment will be required for the program, which may be an additional cost to apprentices.

\*Tuition, fees, books and supply costs are subject to change.

[Learn more about paying for your apprenticeship >](#)