Glazier Apprenticeship

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SAIT
Southern Alberta Institute of Technology

Glazier Apprenticeship

Program description

The Glazier Apprenticeship is a 4-year (four 12-month periods of on-the-job training and technical training) program regulated by Apprenticeship and Industry Training (AIT).

If you like working with your hands and have an eye for detail, you will like working as a Glazier. As a Glazier, you will cut and install glass and aluminum systems for commercial, residential and automotive applications. You will read and interpret drawings and specifications to determine the materials required, location of framing and procedures for installation; measure openings for size and shape, mark and cut glass panes to fit, secure the panes in place, weatherproof joints, and assemble and install aluminum window parts; install, fit, fabricate and attach architectural metals or related substitute products in commercial and residential buildings; assemble parts of pre-fabricated glass units such as revolving doors, display cases, plate glass, shower doors, store fronts, automatic doors, sky lights, sloped glazing, curtain walls, barrel vaults, solariums and other support structures; install and maintain pre-fabricated glass, mirrors or glass products on walls, ceilings, fronts of buildings, handrails and walkways, and replace safety glass, windows, windshields, and glass in furniture and other products.

Admission requirements

Apprentices with a high school diploma may experience a greater chance of success in this trade.

Alberta Apprenticeship and Industry Training (AIT) requires a passing mark in English 10-2, Math 10-3 or a pass mark in all five Canadian General Educational Development (GED) tests or pass the Entrance Exams (Apprentices). However, they recommend that apprentices have a high school diploma that has English 30-2, Math 30-3, Physics 20 or Chemistry 20 or Science 20 and related Career and Technology Studies (CTS) courses.

All apprentices must also find an employer who is willing to hire and train them as an apprentice, register with Apprenticeship and Industry Training (AIT) and be ready and willing to learn.

Your career

Glaziers work in a variety of environments. Some work outdoors at construction sites, sometimes on scaffolds and swing-stages (platforms suspended from the top of high-rise buildings and other elevated surfaces). Others work in factories installing glass in wooden or metal frames, or in shops replacing glass in vehicles or furniture. They generally work 40 hours a week, but may have to work overtime to meet construction deadlines.

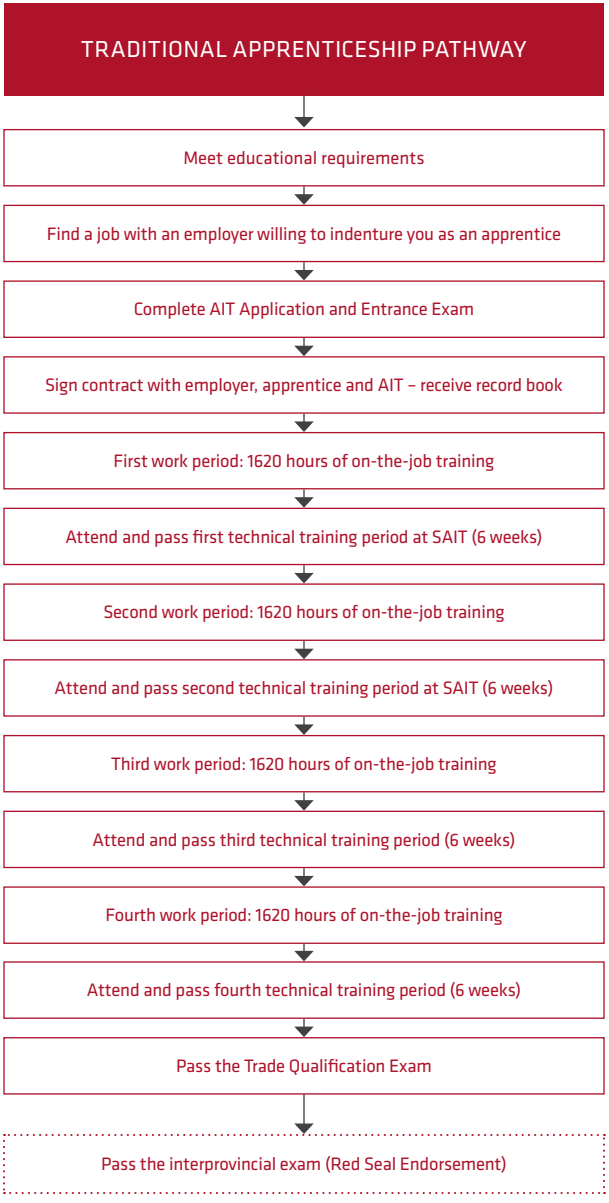
Journeyperson wage rates vary, but generally range from $28 to $38 an hour, plus benefits.

All hazards are assessed and addressed to provide a safe working environment using appropriate training equipment.

If you choose this career, you will need the following characteristics:

- Skills to read, write and communicate verbally
- Mathematical ability
- Physical strength and stamina required to work with heavy glass materials
- Ability to work at heights
- Good eyesight to measure, cut and see flaws in glass
- Manual dexterity
- Ability to work alone or with a team

Your pathway



How to become an apprentice

Choose a trade

Talk to employers, people you know in the field, counsellors and your nearest Alberta Apprenticeship and Industry Training office. Visit the library and pick up relevant information on the trades you are interested in and visit Alberta's trade information website tradesecrets.alberta.ca.

Find an employer

Once you've chosen a trade, the next step is to find an employer willing and able to hire you as an apprentice. Use the research you completed in step 1 to help you through this process. Applicants must work with a journeyperson in the trade and sign apprenticeship contract with their employer.

Apply

Both you and your employer must complete and sign an apprenticeship application, which is available via the website tradesecrets.alberta.ca or through one of the apprenticeship offices.

Sign an apprenticeship contract

This agreement between you and your employer outlines the responsibilities of you, the employee and the employer, to satisfy your apprenticeship training, both on the job and in the classroom.

Program location

Thomas Riley Building, Main Campus
1301 16 Ave NW
Calgary, AB T2M 0L4

For more information

The School of Construction

403.284.8367
construction.info@sait.ca
sait.ca

Alberta Apprenticeship and Industry Training

1.800.248.4823
tradesecrets.alberta.ca

Information Sessions

SAIT and Alberta Apprenticeship and Industry Training deliver an information session on how to register for your technical training before applications open in May. You can find out more information about what it is like to be an apprentice at SAIT and what you need to be successful. See sait.ca for more information.

Register today

tradesecrets.alberta.ca
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