Glazier

SCHOOL OF CONSTRUCTION

Overview

Learn how to cut and install glass and aluminum systems for commercial, residential and automotive applications.

You'll read and interpret drawings and specifications to determine the materials required, the framing location and the installation procedures. If you're comfortable working at heights, have the physical stamina to lift heavy glass and are detail-oriented, you'll enjoy a career as a glazier.

On the job, you'll:

- measure openings for size and shape
- mark and cut glass panes to fit and secure them in place
- weatherproof joints and assemble and install aluminum window parts
- install and attach architectural metals or related substitute products in commercial and residential buildings
- assemble parts of prefabricated glass units such as revolving doors, display cases, shower doors, storefronts, skylights and other support structures
- install and maintain prefabricated glass, mirrors or glass products on walls, ceilings, handrails and walkways
- replace safety glass, windows, windshields and glass in furniture and other products.

Traits, skills and aptitudes

Glaziers are skilled tradespeople comfortable working at heights, collaborating with others and working independently. This line of work is most fulfilling for creative people who enjoy working with their hands in various environments.

To succeed in this trade, you should:

- have good communication skills
- have some math ability
- have the physical strength and stamina to handle heavy glass materials
- have good vision to measure, cut and identify flaws in glass
- have the manual dexterity to manipulate glass pieces
- be able to work independently or in a team environment
- be committed to practicing safe work habits.

Credentials

Upon successfully completing the required working hours and technical training periods, you'll be awarded a diploma in addition to journeyperson status by Alberta's Apprenticeship and Industry Training.

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

Admission requirements

To enter an apprenticeship, you must have the educational qualifications required or recommended education for the trade to which you apply.

Entrance requirements are monitored and set by Alberta Apprenticeship and Industry Training.

Minimum requirements

Successful completion of the following courses:

- English 10-2

- Math 10-3

OR

A pass mark in all five Canadian General Educational Development (GED) or Canadian Adult Education Credential (CAEC) tests

OR

Alberta Apprenticeship and Industry Training Entrance exam.

Recommended requirements

Apprentices with an Alberta High School Diploma that includes the following courses:

- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related career and technology studies (CTS) courses

Costs

2026/27 tuition and fees

The following costs are effective as of July 1, 2026.

Period	Number of weeks	Tuition fees	Additional fees	Total
1	8	$1,256	$357.50	$1,613.50
2	8	$1,256	$357.50	$1,613.50
3	8	$1,256	$357.50	$1,613.50
			Total cost:	**$4,840.50**

The estimated total cost of tuition and fees in each period of technical training.

Books and Supplies

This is a bring-your-own-device program with standard computer hardware and software requirements. See the specific requirements on our computers and laptops page.

Books or modules, along with other items for classes, are approximately $600 per period.

We recommend you don't 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.

This program requires personal protective equipment (PPE), which may be an additional cost.