

GLAZIER

Occupation Description

Glaziers measure, handle, cut, prepare, fit, install, replace and repair all types of glass and glass substitutes, typically in industrial, commercial, institutional, and residential applications. In commercial applications, they fabricate, lay out, and install curtain wall framing, aluminum storefront frames and entrances, structural silicone glazing (SSG), skylights and sloped glazing. In residential applications, they install doors and windows. Glaziers also install specialty glass products such as glass railings, smoke baffles, shower enclosures, and glass and mirror walls. Other duties include layout, preparation, fabrication, and replacement of architectural metal components in systems such as entranceways, windows, skylights, and curtain walls.

Pathways to Certification

In BC, an individual can become certified as a Glazier by completing the Glazier program or by challenging the certification. Apprenticeship programs are for individuals who have an employer to sponsor them, and challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

Youth can begin an apprenticeship in high school through the Youth Train in Trades or Youth Work in Trades programs. The Youth Work in Trades program is available for any trade if an employer is willing to sponsor the student. Trades offered through the Youth Train in Trades vary by region; contact your local school district to find out which technical training programs are being offered through the Youth Train in Trades program in your region.

Recommended Education

The following education is recommended for apprentices entering this occupation. These are not prerequisites, but rather a desired level of skill or knowledge that will contribute to success in the industry.

- Recommended Education: Grade 10 or equivalent including English 10, & Math 10
- Preferred: Grade 12

ITA Registration

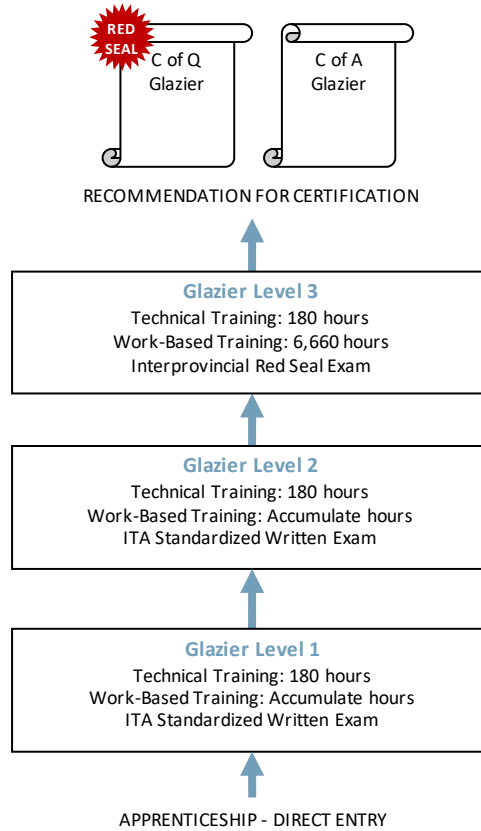
Individuals who wish to begin an apprenticeship in this program must register with ITA along with their sponsor. Application forms for all programs are available from the ITA website. Online registration is also available for most programs through ITA's website.

Those who wish to challenge the Glazier certification must complete the Glazier Challenge Application and submit it to ITA. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.

Apprenticeship Pathway

This graphic provides an overview of the Glazier apprenticeship pathway.

C of Q = Certificate of Qualification
C of A = Certificate of Apprenticeship
WBT = Work-Based Training



CROSS-PROGRAM CREDITS

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program

None



Apprenticeship Program Standards

Credentials Awarded

- Glazier – Certificate of Qualification with Red Seal endorsement
- Glazier – Certificate of Apprenticeship

ITA Registration Prerequisites

- Agreement signed by the employer to sponsor the apprentice

Completion Requirements

Certification as a Glazier is awarded upon successful completion of:

Requirement	Level of Achievement Required
Technical Training	Minimum 70% in each level of technical training: <ul style="list-style-type: none"> ▪ Level 1: 180 hours and ITA standardized written exam ▪ Level 2: 180 hours and ITA standardized written exam ▪ Level 3: 180 hours
Interprovincial Red Seal Exam	<ul style="list-style-type: none"> ▪ Minimum 70%
Work-Based Training	<ul style="list-style-type: none"> ▪ 6,660 hours
Recommendation for Certification	<ul style="list-style-type: none"> ▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority

Program Duration

Duration varies depending on how training is delivered, but the program generally takes 4 years to complete.

The technical training requirement is typically met through block-release training (full-time, at school) delivered by an ITA-approved training provider. It can also be met through approved alternative training models (e.g., distance education, online, part-time) and/or level challenge where these options are available.

Sign-off Authority

- Credentials eligible to sign-off on the Recommendation for Certification:
- Glazier – Certificate of Qualification
 - Glazier – Interprovincial Red Seal endorsement
 - ITA-issued letter authorizing supervision and sign-off of apprentices in this occupation

Challenging a Level

The following levels of technical training can be challenged for advanced placement in this program:

- Level 1

Cross-Program Credits

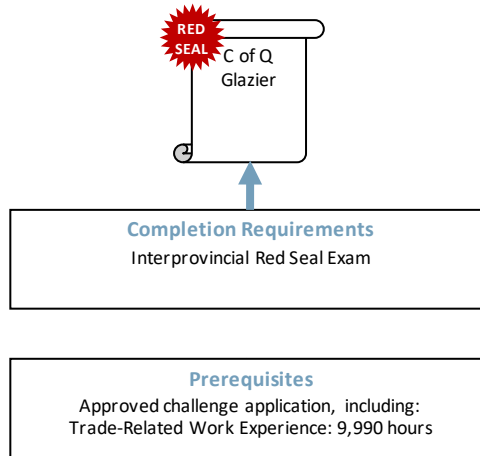
Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program

Credential	Credit(s) Granted
None	None

Challenge Pathway

This graphic provides an overview of the Glazier challenge pathway.

C of Q = Certificate of Qualification



CROSS-PROGRAM CREDITS

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program

None

Challenge Program Standards

Credentials Awarded	Glazier – Certificate of Qualification with Red Seal endorsement	
ITA Registration Prerequisites	An approved Challenge Application, which includes: <ul style="list-style-type: none"> 9,990 documented hours of directly related experience working in the occupation 	
Credentials Entitled to Challenge	Individuals who hold the credentials listed below are considered to have met the prerequisites for challenging this program <ul style="list-style-type: none"> None 	
Completion Requirements	Certification as a Glazier is awarded upon successful completion of:	
	Requirement	Level of Achievement Required
	Interprovincial Red Seal Exam	<ul style="list-style-type: none"> Minimum 70%



Supporting Documents

Glazier Program Outline (2021) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from ITA's website.

Glazier Red Seal Occupational Standard (2020) – Prepared by industry experts, under the guidance of the federal government, for Red Seal trades to define the national standard of competence for the trade. Available from the Red Seal website: www.red-seal.ca.

Contacts

The **Industry Training Authority** (ITA) manages B.C.'s industry training and apprenticeship programs. Contact ITA Customer service if you have any questions regarding registration, examinations or certification for this program.

Telephone: 778-328-8700

Fax: 778-328-8701

Toll Free (within BC): 1-866-660-6011

Email: customerservice@itabc.ca

Website: www.itabc.ca

Revision History

The standards for this program were reviewed and/or updated on the dates below.

Program Standards Approved: March 2002
Updated: November 2005
March 2009
February 2017
June 2021

Program Profiles are updated regularly. Visit www.itabc.ca for the most current version.