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# GLAZIER PROGRAM LEVEL 1

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## PROGRAM DESCRIPTION

This program has been designed to support the Glazing industry in Manitoba, provide pathways for education and employment, result in a Manitoba Glazier Certificate, and offer experienced glaziers an opportunity to challenge the curriculum for credit towards the certificate.

Work based training – accumulate hours towards the required 6480 hours to meet the SAIT Red Seal requirements for the interprovincial exam and certification. Red Seal certification is optional; however, all technical training will follow Red Seal standards. Graduates will be able to complete their training independently and apply for Red Seal Certification if they choose to do so.

Modular design – each module may be completed independently or challenged by an experienced learner. All modules must be successfully completed or challenged to receive a Level 1 certificate of completion. The same process will be followed for Levels 2 and 3. Additional modules that are not mandatory will be added to Level 3 in specialized areas, such as RockGlass.

Each module will include theory tests, activities or exams, as well as practical application checklists.



### Module 1 Introduction to the industry

- Industry snapshot
- Career paths
- Qualifications
- Essential skills
- Training options

### Module 2 Safety

- Workplace hazards
- Manitoba regulations and standards
- PPE
- WHMIS
- Fall protection
- Level 1 First Aid
- Fire prevention
- Aerial lifts/mobile access equipment
- Rigging and hoisting
- Ladders and scaffolding

### Module 3

- Using tools and equipment
- Use hand tools
- Use portable and stationary power tools
- Use layout and measurement tools

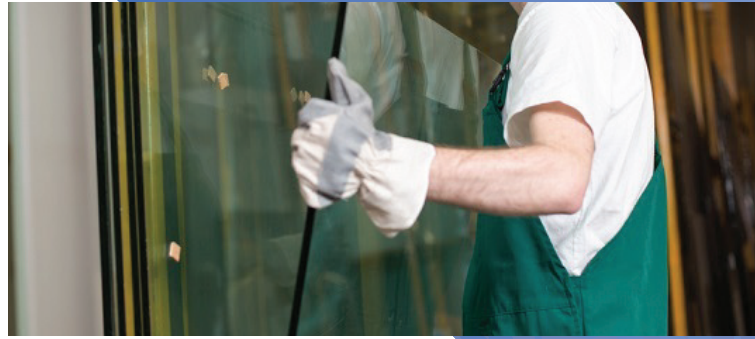
### Module 4

- Organizing work
- Math
- Drawings and specifications
- Codes, regulations and standards
- Manufacturer/supplier documentation
- Plan sequence of work
- Handle materials safely
- Communication

### Module 5

- Fabricate and install Commercial systems
- Fabricate storefront systems
- Fabricate curtain walls
- Complete glass cutting and edge treatments
- Install storefront systems
- Install curtain walls
- Install building envelope membranes
- Use caulking and sealants

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## PROGRAM OVERVIEW

<b>Duration</b>	1–8 weeks
<b>Delivery</b>	30% Classroom and 70 % practical application
<b>Entrance Requirements</b>	Relevant experience in construction
<b>Certification(s)</b>	<ul style="list-style-type: none"><li>• Neeginan micro-credential</li><li>• MITT micro-credential</li></ul>
<b>Certificate Completion Requirements</b>	<ul style="list-style-type: none"><li>• Completion of classroom assignments</li><li>• Practical application</li><li>• Tests</li></ul>
<b>Credit Transfer Opportunities</b>	Challenge opportunity with Apprenticeship

