



**ONTARIO COLLEGE OF TRADES**  

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**ORDRE DES MÉTIERS DE L'ONTARIO**

Apprenticeship  
Training Standard  
Log Book

**Automotive Glass  
Technician**

274L

## What Is This About?

The Apprenticeship Training Standard Log Book identifies all the skills associated with your trade in Ontario. It is written in statements that describe how you, the apprentice, must perform each skill in order to be considered competent in that skill.

## Training As An Apprentice

- ✔ Notify Ministry of Training, Colleges and Universities (MTCU) staff **immediately** of any changes to contact information or training agreement, especially if you change sponsors.
- ✔ Review the Log Book regularly with your trainer and sponsor to track your progress.
- ✔ Keep an accurate record of the hours you work.
- ✔ Attend classroom training when it is offered.
- ✔ Apply for the financial incentives for which you are eligible.
- ✔ Pay your annual membership fee to the Ontario College of Trades and keep your membership in good standing.



## Completing Your Log Book

There are two types of signatures required in your Log Book:

### Skill Confirmation

**You and your trainer** sign off each required skill to confirm that you have demonstrated competency in that skill.

### Skill Set Confirmation

After you and your trainer have signed off all the required skills in a skill set, **your sponsor** signs the signature box at the end of each skill set to confirm your competency in the skill set.

Shaded boxes in your Log Book mean the skills are optional and do not have to be confirmed by your trainer or sponsor. However, you are encouraged to complete them as part of your training.

## Changing Sponsors

- ✔ Contact the Ministry of Training, Colleges and Universities immediately if you change sponsors as you will need to sign a new Registered Training Agreement.
- ✔ Record your original Sponsor's information in Sponsor Record #1 (the sponsor who has signed your initial Registered Training Agreement).



**This document is the property of the apprentice named inside and represents the official record of your training. For information about completing your apprenticeship, see inside of back cover.**



Apprentice Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Trade: \_\_\_\_\_

**Ministry of Training, Colleges and Universities Registered Training Agreement #:**

**OCOT Membership #:**

This document is the property of the Apprentice named herein and represents the official record of their training.

You must become a member of the College of Trades Apprentices Class and maintain your membership in good standing while you complete your training. For more information on membership, please visit the College of Trades website at: [collegeoftrades.ca](http://collegeoftrades.ca)

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Ministry of Training, Colleges and Universities Apprentice’s Appendices

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- Apprentice Completion Form ..... (Appendix B)
- Skill Set Completion for Sponsors ..... (Appendix C)
- Ministry of Training, Colleges and Universities Apprenticeship Offices .. (Appendix D)

Any updates to this publication are available on-line; to download this document in PDF format, please follow the link: [collegeoftrades.ca](http://collegeoftrades.ca).

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Revised 2005.

## TERMS AND CONDITIONS AS PER REGISTERED TRAINING AGREEMENT

### The Apprentice agrees:

- to inform the Ministry of Training, Colleges and Universities of any change to their contact information or change in sponsor within 7 days;
- to follow the Sponsor’s and Trainer’s lawful instructions and make every effort to acquire the skills identified in the Apprentice Training Standard Log Book (Log Book) for the Trade which is part of the apprenticeship program established by the Ontario College of Trades for the trade;
- to obtain written verification from the Sponsor and the Trainer(s) that the requirements in the Log Book for the trade have been met.

### The Sponsor agrees:

- to ensure that the Apprentice is provided with the training required as part of the apprenticeship program established by the College of Trades for this trade;
- to ensure that the Trainer(s) verifies, in writing, when each skill identified in the Log Book for the trade has been successfully completed by the Apprentice;
- to review the progress of training with the Apprentice, and with the Trainer(s) where the Sponsor and the Trainer are not the same party.

RESOURCE	LINK
Red Seal Program	<a href="http://red-seal.ca">red-seal.ca</a>
Ministry of Training, Colleges and Universities	<a href="http://tcu.gov.on.ca">tcu.gov.on.ca</a>
Employment Ontario	<a href="http://tcu.gov.on.ca/eng/employmentontario.ca">tcu.gov.on.ca/eng/employmentontario.ca</a>
Service Canada	<a href="http://servicecanada.gc.ca">servicecanada.gc.ca</a>
Ontario College of Trades and Apprenticeship Act, 2009	<a href="#"><i>Ontario College of Trades and Apprenticeship Act, 2009</i></a>
Ontario Ministry of Labour – Health and Safety Partners	<a href="http://labour.gov.on.ca">labour.gov.on.ca</a>
College of Trades Appointments Council	<a href="http://cot-appointments.ca">cot-appointments.ca</a>
Essential Skills Ontario	<a href="http://essentialskillsontario.ca">essentialskillsontario.ca</a>
Exam Preparation Guide	<a href="http://collegeoftrades.ca">collegeoftrades.ca</a>

## **INTRODUCTION TO THE LOG BOOK**

On April 8th, 2013, the Ontario College of Trades (College) became responsible for the development and maintenance of Log Books in the Province of Ontario.

Please refer to the College of Trades website for the most accurate and up-to-date information: [collegeoftrades.ca](http://collegeoftrades.ca)

This Log Book is intended to be used by the Apprentice and Sponsor as an official record of training. The completion of this document is necessary to complete your apprenticeship and receive your Certification of Apprenticeship.

The Log Book identifies skills required for this trade and its related training program. It has been written in statements which describe how you, the Apprentice, must perform each skill in order to become competent in your trade.

The Trainer and Apprentice are required to sign-off and date each skill after the Apprentice has proven competence in these skills. However, if a skill is shaded, it is optional and does not need to be signed off.

This on-the-job Log Book is a document issued to Apprentices who sign a Registered Training Agreement in the Province of Ontario. It is designed to record an Apprentice's acquired skills and time worked for the trade to which they are registered. This Log Book is developed by the Ontario College of Trades and used by the Ministry of Training, Colleges and Universities.

This Apprenticeship Log Book for Automotive Glass Technician was developed in consultation with representatives from industry and may include members from a related Trade Board/Working Committees.

The information presented in this standard is, to the best of our knowledge, current at time of printing and is intended for general application.

## ROLES AND RESPONSIBILITIES

### Ontario College of Trades

Under the [Ontario College of Trades and Apprenticeship Act, 2009 \(OCTAA\)](#), the College of Trades is responsible for:

- Establishing and maintaining qualifications for membership;
- Issuing Certificates of Qualification and Statements of Membership;
- Maintaining a [Public Register](#) of members;
- Receiving and investigating complaints, and determining disciplinary action;
- Establishing Apprenticeship Programs, Training Standards and Scopes of Practice for each trade;
- Conducting Trade Equivalency Assessments;
- Determining Journeyperson-to-Apprentice ratios;
- Addressing compliance with legislation (OCTAA) and regulations; and,
- Promoting the skilled trades and conducting research.

For any matters related to your membership in the Apprentices class, you must contact the College of Trades directly at: (647) 847-3000 or toll free at: 1(855) 299-0028.

### Ministry of Training, Colleges and Universities

Is responsible for:

- Registering Training Agreements;
- Approving which persons may provide apprenticeship training;
- Approving Training Delivery Agents;
- Issuing Certificates of Apprenticeship;
- Administering Certificate of Qualification examinations;
- Promoting skilled trades and apprenticeship;
- Conducting policy development, evaluation and research; and,
- Passing regulations.

For any matter related to your Registered Training Agreement or completing your apprenticeship, you must contact your Local Apprenticeship Office at the Ministry of Training, Colleges and Universities.



## **Roles and Responsibilities of the Apprentice**

An Apprentice is an individual who has entered into an Registered Training Agreement with a Sponsor to receive training in a trade as part of an apprenticeship program established by the College of Trades.

As an Apprentice, you have certain roles and responsibilities to follow throughout your apprenticeship training:

Steps:

1. You must become a member of the College of Trades Apprentices Class and maintain your membership in good standing while you complete your training. For more information on membership, please visit the College of Trades website at: [collegeoftrades.ca](http://collegeoftrades.ca)
2. As an Apprentice, you are responsible for completing skills or skill sets in this Log Book and ensuring that they are dated and signed by both you and your Trainer.
3. You must also ensure your Skill Set Completion Form is completed and signed by your current Sponsor once you have demonstrated competence in all the mandatory skills in this Log Book. Once this is done, we recommend you submit the Log Book to your local Ministry of Training, Colleges and Universities office.
4. You are responsible for informing the staff at your local Ministry of Training, Colleges and Universities office regarding changes to the following:
  - Your Sponsor's address;
  - Your name and address; and/or,
  - Your Sponsor, including starting employment with a new Sponsor.
5. You must present the Apprentice Completion Form (Please refer to Appendix B), once all unshaded skills and skill sets have been completed within this document, along with your authorized Log Book to your local Ministry of Training, Colleges and Universities office.

### **Roles and Responsibilities of Sponsors and Trainers**

Log Books identify the on-the-job skills required for a trade and its related training program.

This Log Book has been written in concise statements which describe how well an Apprentice must perform each skill in order to become competent. Competence means being able to perform to the required standard.

By using this Log Book, Trainers will be able to ensure that the Apprentice is developing skills detailed for the trade.

Trainers and Apprentices are required to sign-off and date the skills following each successful acquisition.

The detailed content listed for each skill is not intended to represent an inclusive list; rather, it is included to illustrate the intended direction for the skill acquisition.

The Trainer must provide their signature based on their assessment and professional judgment that the apprentice is competent in the skills described above. The Trainer's signature is not a general warranty or guarantee of the apprentice's future conduct.

Sponsors participating in this training program will be designated as the Signing Authority and are required to attest to successful achievement by signing the appropriate box included at the end of each skill set.

## **SAFETY**

Safe working procedures and conditions, accident prevention and the preservation of health are of primary importance for apprenticeship programs in Ontario. These responsibilities are shared and require the joint efforts of government, sponsors, employers, employees and the public. Therefore, it is imperative that all parties become aware of circumstances that may lead to injury or harm. Safe learning experiences and environments can be created by controlling the variables and behaviours that may contribute to or cause an accident or injury.

It is generally recognized that a safe attitude contributes to an accident free environment. Everyone will benefit as a result of a healthy attitude towards prevention of accidents.

A tradesperson is possibly exposed to more hazards than any other person in the work force and, therefore, should be familiar with and apply Occupational Health and Safety Act and Regulations dealing with personal safety and the personal safety rules applying to each task.

### **Legal and Administrative Aspects of Safety:**

Accident prevention and the provisions of safe working conditions are the responsibilities of an employer and employee.

### **Employer's Responsibilities - The employer is responsible for:**

- Providing and maintaining safety equipment and protective devices;
- Ensuring proper safe work clothing is worn;
- Enforcing safe working procedures;
- Providing safeguards for machinery, equipment and tools;
- Observing all accident prevention regulations; and,
- Training employees in the safe use and operation of equipment.

### **Employee's Responsibilities - The employee is responsible for:**

- Working in accordance with the safety regulations pertaining to the job environment;
- Working in such a way as not to endanger themselves or fellow employees and the public.

### **Workplace Health and Safety's Responsibilities:**

- Workplace Health and Safety (Ontario's Ministry of Labour) will conduct periodic inspections of the workplace to ensure that safety regulations for industry are being observed.

## **APPRENTICESHIP PROGRAM SUMMARY**

### **Scope of Practice**

The Scope of Practice for the trade of Automotive Glass Technician is set out in section 8 of Ontario Regulation 277/11 under OCTAA and reads as follows:

The scope of practice for the trade of automotive glass technician includes repairing, removing and installing glass and windshields in motorized and automotive vehicles. O. Reg. 277/11, s. 8.

\*While the Log Book draws on the scope of practice regulation (Section 8 of Ontario Regulation 277/11 under OCTAA). The Log Book does not purport to add to or modify the scope of practice as provided in regulation.\*

### **Program Guidelines**

#### **On-the-Job Training Duration**

Industry has identified 3,760 hours as the duration necessary for any Apprentice to become competent in the skills required. There may be circumstances in which the duration varies from this guideline.

#### **Classroom Training Duration**

Industry has identified 240 hours of in-school training as the duration necessary for an Apprentice to complete the in-school curriculum for this program.

#### **Journeyman to Apprentice Ratio**

While some of the trades regulated under OCTAA are subject to Journeyman to Apprentice ratios (ratios) set out in regulation, this trade is not one of them. Instead, industry has recommended a Journeyman to Apprentice ratio guideline of one Journeyman (or individuals who are deemed equivalent to a journeyman status) to one Apprentices as the ratio necessary for an Apprentice to be properly trained on the job in this program.

### **Program Requirements**

#### **Compulsory and Voluntary Classification**

Regulations under OCTAA set out the regulated trades in Ontario and the classification of each trade as either “compulsory” or “voluntary.” The trade of Automotive Glass Technician is voluntary.

## **Eligibility for Apprenticeship Program Completion**

The Apprentice must:

- Achieve competency in all mandatory (unshaded) skills as identified in the Log Book
- Complete the in-school training as outlined in the industry and Ministry of Training, Colleges and Universities approved Curriculum Standard

It is the responsibility of an Apprentice to maintain a training record in the form of an Ontario College of Trades Apprenticeship Training Standard Log Book. The Sponsor and Trainer are required to sign-off when competencies in the trade are achieved.

## **Essential Skills**

Essential skills are needed for work, learning and life. They provide the foundation for learning all other skills and enable people to evolve with their jobs and adapt to workplace change. Through extensive research, the Government of Canada and other national and international agencies have identified and validated nine essential skills. These skills are used in nearly every occupation and throughout daily life in different ways.

A series of tools endorsed by the Canadian Council of Directors of Apprenticeship (CCDA) have been developed to support apprentices in their training and to be better prepared for a career in the trades. The tools can be used independently or with the assistance of a tradesperson, trainer, employer, teacher or mentor to:

- Understand how essential skills are used in the trades;
- Learn about individual essential skills strengths and areas for improvement, and,
- Improve essential skills and increase success in an apprenticeship program.

A link to the complete essential skills profile for Red Seal trades can be found at [red-seal.ca](http://red-seal.ca).

## **TRAINING THE APPRENTICE**

### **Tips for Apprentices**

Remember, it takes time to learn. The following is a list of additional tips and tools to help make the most of your apprenticeship training:

- Practice safe work habits;
- Use your Apprenticeship Log Book as a journal to keep track of the skills you have achieved;
- Listen to the suggestions of your Trainer;
- Discuss your training needs with your Sponsor;
- Review your training plan with your Training Consultant, Trainer, or Sponsor;
- Ask your Trainer questions if you are unsure of any skill you need to perform or any tools or equipment you need to use to perform your duties;
- Show enthusiasm and develop good work habits; and,
- Upon demonstration of competency, ensure that you and your Trainer sign-off the individual skills. Once a 'set of skills' have been signed off, ensure your Sponsor signs off this area as well.

### **Sponsor**

Sponsors are responsible for ensuring all terms are met as per the Registered Training Agreement. They are named on the Registered Training Agreement as the entity responsible for ensuring Apprentices receive the training required as part of an apprenticeship program. As a signatory to this agreement, they are designated as the 'Signing Authority' for the Apprentice's Skill Set Completion Form, and are required to attest to successful achievement by signing the appropriate box at the completion of each skill set.

### **Tips for Sponsors**

- Select Trainers with good communication skills and who work well with others;
- Ensure that the Apprentice always works under the direction of or has access to a qualified Trainer;
- Encourage Trainers to take upgrading courses (e.g. Train the Trainer, Mentor, Coach, etc.);
- Encourage safe work habits;
- Provide time for the Trainer to demonstrate skills to the apprentice;
- Provide opportunities and time for the Apprentice to learn the trade;
- Ensure that the Apprentice receives the varied on-the-job trade training experience outlined in this document;
- Set out clear expectations, and recognize good performance;
- Involve both the Apprentice and Trainer in developing the training plan and observe frequently;
- Provide constructive feedback and conduct regular performance reviews involving the Apprentice and Trainer;
- Use the Log Book as a monitoring tool and a part of regular performance evaluations; and,
- Complete the Skill Set Completion Form once the Apprentice has demonstrated competency in the skills.

### Trainer

A Trainer is an individual who oversees the performance of a task and sets the workplace expectations and practices for the Apprentice. In compulsory trades, a Trainer must hold a valid Certificate of Qualification and be a member of the College of Trades Journeypersons Class.

In voluntary trades, a Trainer is an individual who holds one of the following:

- A valid Certificate of Qualification and is a member of the College of Trades Journeypersons Class; or,
- Holds a Statement of Membership in the College of Trades Tradespersons Class; or,
- Holds a Certificate of Qualification previously issued by Ministry of Training, Colleges and Universities; or,
- Holds a Certificate of Apprenticeship in the trade; or,
- Has completed both the workplace-based training (competencies and/or hours as applicable) and classroom training components of the trade's apprenticeship program; or,
- Has workplace experience equivalent to the apprenticeship program (eligible to apply to College membership in the Journeypersons or Tradespersons Classes) or has the skills outlined in the Log Book.

### Tips for Trainers

Trainers are responsible for ensuring the Apprentice is developing the skills outlined in this document. Here is a list of tips and tools to help Trainers in their supervision of Apprentices:

- Demonstrate model safe work habits;
- Provide opportunities and time for the Apprentice to learn the trade;
- Treat Apprentices fairly and with respect;
- Review the Log Book with the Apprentice and develop a training plan;
- Set out clear expectations and recognize good performance;
- Ensure that the Apprentice receives on-the-job trade training experience as outlined in this document;
- Encourage and respond to all questions;
- Be patient;
- Explain, show and demonstrate the skill;
- Provide continuous feedback;
- Sign-off skills when your Apprentice demonstrates competency, and,
- Use the Log Book as a guide to evaluate competence in each skill area. By using the Log Book, Trainers will be able to ensure that the Apprentice is developing skills outlined in this document.

**NOTICE OF COLLECTION OF PERSONAL INFORMATION**

1. At any time during your apprenticeship training, you may be required to show this Log Book to the Ministry of Training, Colleges and Universities. You will be required to submit the signed Apprenticeship Completion form to the Ministry of Training, Colleges and Universities in order to complete your program. The Ministry of Training, Colleges and Universities will use your personal information to administer and finance Ontario's apprenticeship training system, including confirming your completion and issuing your Certificate of Apprenticeship.
2. The Ministry of Training, Colleges and Universities will disclose information about your program completion and your Certificate of Apprenticeship to the Ontario College of Trades, as it is necessary for the College of Trades to carry out its responsibilities.
3. Your personal information is collected, used and disclosed by the Ministry under the authority of the *Ontario College of Trades and Apprenticeship Act, 2009*.
4. Questions about the collection, use and disclosure of your personal information by the Ministry may be addressed to the:

Manager, Employment Ontario Contact Centre  
Ministry of Training, Colleges and Universities  
33 Bloor St. E, 2nd floor, Toronto, Ontario M7A 2S3  
Toll-free: 1-800-387-5656; Toronto: 416-326-5656  
TTY: 1-866-533-6339 or 416-325-4084.



**COMPETENCY ANALYSIS PROFILE**  
**Automotive Glass Technician – 274L**  
*(All unshaded skill sets must be demonstrated/completed)*

**SKILL SETS**

**SKILLS**

<b>PROTECT SELF AND OTHERS</b>          <b>U6085.0</b>	Identify and take preventative action against potential workplace health and safety hazards          U6085.01	Handle, store, and recycle hazardous workplace materials          U6085.02	Wear and maintain personal protective equipment          U6085.03	Comply with first-aid and workplace-related legislation          U6085.04	Practise good housekeeping in the workplace by applying fire hazard prevention methods          U6085.05
	Comply with Workplace Hazardous Materials Information System (WHMIS) guidelines          U6085.06				
<b>REPAIR TRIM AND RELATED COMPONENTS</b>          <b>U6086.0</b>	Perform visual inspection of trim and related components          U6086.01	Diagnose and troubleshoot trim and related components          U6086.02	Repair or replace trim and related components          U6086.03	Verify repair or replacement of trim and related components          U6086.04	
<b>REPAIR BONDED GLASS</b>          <b>U6087.0</b>	Perform visual inspection of bonded glass          U6087.01	Diagnose and troubleshoot bonded glass          U6087.02	Repair bonded glass          U6087.03	Verify repair of bonded glass          U6087.04	
<b>REPLACE BONDED GLASS</b>          <b>U6088.0</b>	Perform visual inspection of bonded glass          U6088.01	Diagnose and troubleshoot bonded glass          U6088.02	Remove bonded glass          U6088.03	Replace bonded glass          U6088.04	Verify installation of bonded glass          U6088.05

**COMPETENCY ANALYSIS PROFILE**  
**Automotive Glass Technician – 274L**  
*(All unshaded skill sets must be demonstrated/completed)*

**SKILL SETS**

**SKILLS**

<b>REPAIR MECHANICALLY FASTENED STATIONARY GLASS</b>  <b>U6089.0</b>	Perform visual inspection of mechanically fastened stationary glass  U6089.01	Diagnose and troubleshoot mechanically fastened stationary glass  U6089.02	Repair mechanically fastened stationary glass  U6089.03	Verify repair of mechanically fastened stationary glass  U6089.04	
<b>REPLACE MECHANICALLY FASTENED STATIONARY GLASS</b>  <b>U6090.0</b>	Perform visual inspection of mechanically fastened stationary glass  U6090.01	Diagnose and troubleshoot mechanically fastened stationary glass  U6090.02	Remove mechanically fastened stationary glass  U6090.03	Replace mechanically fastened stationary glass  U6090.04	Verify replacement of mechanically fastened stationary glass  U6090.05
<b>REPAIR MECHANICALLY FASTENED MOVABLE GLASS</b>  <b>U6091.0</b>	Perform visual inspection of mechanically fastened moveable glass  U6091.01	Diagnose and troubleshoot mechanically fastened moveable glass  U6091.02	Repair mechanically fastened moveable glass  U6091.03	Verify repair of mechanically fastened moveable glass  U6091.04	
<b>REPLACE MECHANICALLY FASTENED MOVABLE GLASS</b>  <b>U6092.0</b>	Perform visual inspection of mechanically fastened moveable glass  U6092.01	Diagnose and troubleshoot mechanically fastened moveable glass  U6092.02	Remove mechanically fastened moveable glass  U6092.03	Replace mechanically fastened moveable glass  U6092.04	Verify replacement of mechanically fastened moveable glass  U6092.05
<b>REPAIR GASKET-MOUNTED GLASS</b>  <b>U6093.0</b>	Perform visual inspection of gasket-mounted glass  U6093.01	Diagnose and troubleshoot gasket-mounted glass  U6093.02	Repair gasket-mounted glass  U6093.03	Verify repair of gasket-mounted glass  U6093.04	
<b>REPLACE GASKET-MOUNTED GLASS</b>  <b>U6094.0</b>	Perform visual inspection of gasket-mounted glass  U6094.01	Diagnose and troubleshoot gasket-mounted glass  U6094.02	Remove gasket-mounted glass  U6094.03	Replace gasket-mounted glass  U6094.04	Verify installation of gasket-mounted glass  U6094.05

**COMPETENCY ANALYSIS PROFILE**  
**Automotive Glass Technician – 274L**  
*(All unshaded skill sets must be demonstrated/completed)*

**SKILL SETS**

**SKILLS**

<b>PRODUCE AND INTERPRET TEMPLATE SKETCH AND CUT GLASS FOR AUTOMOTIVE OR MOTORIZED VEHICLES</b>	Perform visual inspection of the motorized or automotive vehicle	Diagnose and troubleshoot motorized or automotive vehicle glass	Produce a template for motorized and automotive vehicle glass	Interpret a template sketch for motorized and automotive vehicles	Cut glass for motorized and automotive vehicles
<b>U6095.0</b>	U6095.01	U6095.02	U6095.03	U6095.04	U6095.05
	Verify the template sketch for motorized and automotive vehicles				
	U6095.06				
<b>ESTIMATE THE COST OF REPAIR OR REPLACEMENT OF GLASS AND RELATED COMPONENTS</b>	Perform visual inspection of damaged glass and related components	Diagnose and troubleshoot damage to glass and related components	Estimate and document the cost of repair or replacement of glass and related components	Verify estimate of repair or replacement of glass and related components	
<b>U6096.0</b>	U6096.01	U6096.02	U6096.03	U6096.04	
<b>DETAIL VEHICLE AND COMPONENTS</b>	Perform visual inspection of vehicle	Perform detailing of vehicle	Verify detailing of vehicle		
<b>U6097.0</b>	U6097.01	U6097.02	U6097.03		
<b>COMMUNICATE EFFECTIVELY</b>	Communicate with supervisors and co-workers	Communicate with customers			
<b>U6098.0</b>	U6098.01	U6098.02			

**U6085.0      PROTECT SELF AND OTHERS**

**GENERAL PERFORMANCE OBJECTIVE**

Comply with occupational health and safety procedures by identifying and taking corrective action against potential workplace health and safety hazards; handling, storing, and disposing of hazardous materials; wearing and maintaining personal protective equipment; complying with workplace-related legislation; interpreting and applying service-related information; practising good housekeeping in the workplace; and complying with Workplace Hazardous Materials Information System (WHMIS) guidelines, according to *Occupational Health and Safety Act*, manufacturers’ recommendations, specifications, safety requirements, and government regulations.

**SKILLS**

**U6085.01    Identify and take preventative action against potential workplace health and safety hazards**, including broken glass, primer, epoxy, urethanes, dust fumes, excessive exhaust and explosive fumes, gas and alternative fuels, lighting, sound levels, undeployed air bags, and electrical and mechanical hazards (i.e., damaged or faulty air lines and inadequate ventilation), so that the potential for personal injury and damage to equipment, vehicles, and the environment are minimized, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6085.02 Handle, store, and recycle hazardous workplace materials**, including glass, urethane, epoxy, primers, solvents, and automotive fluids, using personal protective equipment, and specified handling, storage, and recycling procedures, so that individuals are protected from injury and the environment from contamination, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6085.03 Wear and maintain personal protective equipment**, including eye, ear, head, hand, respiratory, body, and foot protection, by ensuring that correct fit and optimum protection is provided to the wearer for the specific task performed, according to Workplace Joint Health and Safety Committee, manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6085.04 Comply with first-aid and workplace-related legislation** relating to Occupational Health and Safety Act, Motor Vehicle Repair Act, Highway Traffic Act, and the Environmental Protection Act by identifying the personal and legal liabilities of technicians and the employer when performing and conducting vehicle safety and structural inspections, road testing, making work estimates, and repairing or replacing damaged parts, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6085.05 Practise good housekeeping in the workplace by applying fire hazard prevention methods**, including maintaining a clean and orderly work area; identifying, removing, and disposing of potential fire hazards; preventing and cleaning up spills and leaks; ensuring the work area is free of obstructions; and safely using, storing, and maintaining equipment, tools, and shop safety equipment, to minimize accident or injury to self and others, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6085.06 Comply with Workplace Hazardous Materials Information System (WHMIS) guidelines**, including reading and interpreting labels and Material Safety Data Sheets (MSDS), and ensuring receipt of training in WHMIS regulations and practices, according to the Occupational Health and Safety Act.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6085: PROTECT SELF AND OTHERS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6086.0 REPAIR TRIM AND RELATED COMPONENTS**

**GENERAL PERFORMANCE OBJECTIVE**

Repair or replace trim and related components in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying the performance and function of glass, and ensuring the structural integrity of the vehicle according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6086.01 Perform visual inspection of trim and related components**, including wipers, cowlings, mirrors, mounting pads, antennas, sunroofs, visors, spoilers, urethanes, mouldings, body panels, weather stripping, seals, gaskets, switches, relays, solenoids, circuit protection devices, sensors, modules, motors, wiring harnesses, regulator assemblies, channels, guides, and fastening and mounting devices, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing and defective components, and by observing system codes according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6086.02 Diagnose and troubleshoot trim and related components**, including wipers, cowling, mirrors, mounting pads, antennas, sun roofs, visors, spoilers, urethanes, mouldings, body panels, weather stripping, seals, gaskets, switches, relays, solenoids, circuit protection devices, sensors, modules, motors, wiring harnesses, regulator assemblies, channels, guides, and fastening and mounting devices, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; observing system codes; and using appropriate hand and electronic test devices, electrical and pneumatic power tools, and leak detection devices, including reveal moulding tools and fibre sticks, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6086.03 Repair or replace trim and related components**, including: wipers, cowling, mirrors, mounting pads, antennas, sun roofs, visors, spoilers, urethanes, mouldings, body panels, weather stripping, seals, gaskets, switches, relays, solenoids, circuit protection devices, sensors, modules, motors, wiring harnesses, regulator assemblies, channels, guides, fastening and mounting devices; by resealing, reattaching, lubricating, adjusting, aligning, cleaning, and soldering; using adhesive, solder, appropriate hand, electrical and pneumatic power tools, including reveal moulding tools and fibre sticks, according to manufacturers’ recommendations, specifications, safety requirements and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID



**U6086.04 Verify repair or replacement of trim and related components**, including wipers, cowlings, mirrors, mounting pads, antennas, sunroofs, visors, spoilers, urethanes, mouldings, body panels, weather stripping, seals, gaskets, switches, relays, solenoids, circuit protection devices, sensors, modules, motors, wiring harnesses, regulator assemblies, channels, guides, and fastening and mounting devices, by visually inspecting, testing, and analysing performance, function, and structural integrity; observing system codes; and using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6086: REPAIR TRIM AND RELATED COMPONENTS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

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**U6087.0 REPAIR BONDED GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Repair bonded glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function of glass, and ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements and government regulations.

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**SKILLS**

**U6087.01 Perform visual inspection of bonded glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by checking for structural integrity, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components, and by observing diagnostic system codes, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ **A trainer can be a journey person, a supervisor or the competent employee designated by the apprentice's Sponsor.**

**U6087.02 Diagnose and troubleshoot bonded glass,** including windshields, and back, side, roof, heated, and encapsulated glass, by checking for structural integrity, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; observing diagnostic system codes; using appropriate hand and electronic test devices, electrical and pneumatic power tools, and leak detection devices, including reveal moulding tools and fibre sticks, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6087.03 Repair bonded glass,** including windshields, and back, side, roof, heated, and encapsulated glass, by resealing, realigning, cleaning, and soldering; using injector, vacuum, and pressure type repair systems, ultraviolet resin, ultraviolet light, polishing unit and materials, heater/antenna and grid repair systems, adhesive, solder, and appropriate hand, electrical, and pneumatic power tools, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6087.04 Verify repair of bonded glass** including windshields, and back, side, roof, heated, and encapsulated glass, by visually inspecting, testing, and analysing performance, function, and structural integrity; observing system codes; and using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6087: REPAIR BONDED GLASS</b>		
Date Completed (mm/dd/yy)	Sponsor Name (Print)	Sponsor Signature

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**U6088.0 REPLACE BONDED GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Replace bonded glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function of glass, and ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6088.01 Perform visual inspection of bonded glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by identifying glass systems, types, and applications; checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components, and observing system codes, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ **A trainer can be a journey person, a supervisor or the competent employee designated by the apprentice's Sponsor.**

**U6088.02 Diagnose and troubleshoot bonded glass**, including windshields, and back, side, roof, heated, and encapsulated glass, identifying glass systems, types, and applications; checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; observing diagnostic system codes; and using appropriate hand and electronic test devices, electrical and pneumatic power tools, and leak detection devices, including reveal moulding tools and fibre sticks, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6088.03 Remove bonded glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by extracting all broken glass and contaminants; preventing the release of isocyanates; protecting the vehicle and defroster vents; avoiding damage to the vehicle body; wearing all required safety equipment; positioning body (back, arms, and hands) in a manner that would protect self and others; safely storing glass for disposal or reuse; and using appropriate hand tools, including hook, cut- out wire, gasket scrapers, utility knives, fibre sticks, and electrical or pneumatic power tools, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6088.04 Replace bonded glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by examining condition of vehicle bonding surface; calculating width, overlap, cure time, and existing bead; preparing and priming vehicle bonding surface; cleaning and priming glass; identifying and applying required adhesive, gasket, or moulding; lifting, moving, centring, blocking, fastening, or taping the glass in the frame opening; avoiding contact with bonding area; performing leak test; spraying water mist to promote adhesive curing; storing the vehicle in a suitable environment; using hand, electrical, and pneumatic power tools, suction cups, fibre sticks, water, leak detection devices, lifting and rigging devices, and the aid of a partner where required, according to the vehicle and adhesive manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6088.05 Verify installation of bonded glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by visually inspecting, testing, and analysing performance, function, and structural integrity; observing system codes; using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6088: REPLACE BONDED GLASS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6089.0 REPAIR MECHANICALLY FASTENED STATIONARY GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Repair mechanically fastened stationary glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function, and ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6089.01 Perform visual inspection of mechanically fastened stationary glass**, including windshields, back, side, roof, heated, and encapsulated glass, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components, and observing system codes, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6089.02 Diagnose and troubleshoot mechanically fastened stationary glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; observing diagnostic code systems; using appropriate hand and electronic test devices, electrical and pneumatic power tools, and leak detection devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6089.03 Repair mechanically fastened stationary glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by resealing, realigning, cleaning, and soldering; using injector, vacuum, and pressure type repair systems, ultraviolet resin, ultraviolet light, polishing unit and materials, heater/antenna and grid repair systems, adhesive, modular tape, prescribed fasteners, clips, thread sealant, solder, and appropriate hand, electrical, and pneumatic power tools, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6089.04 Verify repair of mechanically fastened stationary glass**, including windshields, back, side, roof, heated, and encapsulated glass, by visually inspecting, testing, and analysing performance and function; observing system codes; using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6089: REPAIR MECHANICALLY FASTENED STATIONARY GLASS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6090.0 REPLACE MECHANICALLY FASTENED STATIONARY GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Replace mechanically fastened stationary glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function, and ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6090.01 Perform visual inspection of mechanically fastened stationary glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components, and observing system codes, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6090.02 Diagnose and troubleshoot mechanically fastened stationary glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing and defective components; observing system codes; using appropriate hand and electronic test devices, electrical and pneumatic power tools, and leak detection devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID



**U6090.03 Remove mechanically fastened stationary glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by extracting all broken glass and contaminants; protecting the vehicle by masking, covering, or removing adjacent non-glass areas and components; avoiding damage to the vehicle body; wearing all required safety equipment; positioning body (back, arms, and hands) in a manner that would protect self and others; safely storing glass for disposal or reuse; and using appropriate hand tools, including gasket scrapers, fibre sticks, and electrical or pneumatic power tools, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6090.04 Replace mechanically fastened stationary glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by assembling fastening and mounting devices; preparing frame opening; cleaning and priming glass; identifying and applying required adhesive; lifting, moving, centring, blocking, fastening, and taping the glass in the frame opening; performing a leak test; and using hand, electrical, and pneumatic power tools, including adhesives, modular tape, fasteners, clips, and thread sealant, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6090.05 Verify replacement of mechanically fastened stationary glass**, including windshields, and back, side, roof, heated, and encapsulated glass, by visually inspecting, testing, and analysing performance and function; observing system codes; using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6090: REPLACE MECHANICALLY FASTENED STATIONARY GLASS</b>
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<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

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**U6091.0 REPAIR MECHANICALLY FASTENED MOVABLE GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Repair mechanically fastened movable glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function, ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6091.01** Perform visual inspection of mechanically fastened movable glass, including windshields, back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components, and observing system codes, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ **A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.**

**U6091.02 Diagnose and troubleshoot mechanically fastened movable glass,** including windshields, and back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, fastening and mounting devices, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; observing system codes; using appropriate hand and electronic test devices, electrical and pneumatic power tools, and leak detection devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6091.03 Repair mechanically fastened movable glass,** including windshields, back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by resealing, realigning, cleaning, lubricating, and soldering; and using polishing unit and materials, heater/antenna and grid repair systems, adhesives, fasteners, clips, thread sealant, solder, and appropriate hand, electrical, and pneumatic power tools, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6091.04 Verify repair of mechanically fastened movable glass**, including windshields, and back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by visually inspecting, testing, and analysing performance and function; observing system codes; using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6091: REPAIR MECHANICALLY FASTENED MOVABLE GLASS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6092.0 REPLACE MECHANICALLY FASTENED MOVABLE GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Replace mechanically fastened movable glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function, and ensuring the structural integrity of the vehicle, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

**SKILLS**

**U6092.01 Perform visual inspection of mechanically fastened movable glass,** including windshields, and back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components, and observing system codes, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice's Sponsor.

**U6092.02 Diagnose and troubleshoot mechanically fastened movable glass,** including windshields, and back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by checking for structural integrity, alignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; observing system codes; and using appropriate hand and electronic test devices, electrical and pneumatic power tools, and leak detection devices, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6092.03 Remove mechanically fastened movable glass,** including windshields, back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by extracting all broken glass and contaminates; protecting the vehicle by masking, covering or removing adjacent non-glass areas and components; avoiding damage to the vehicle body; wearing all required safety equipment; positioning body (back, arms, and hands) in a manner that would protect self and others; safely storing glass for disposal or reuse; and using appropriate hand tools, electrical, and pneumatic power tools, according to manufacturers' recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6092.04 Replace mechanically fastened movable glass,** including windshields, and back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by assembling fastening and mounting devices; identifying and applying required adhesive; lifting, moving, centring, blocking, fastening, and taping the glass in the frame opening; performing a leak test; and using hand, electrical, and pneumatic power tools, including rivet guns, window guides, fasteners, clips, cork tape, adhesives, thread sealant, and lubricant, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6092.05 Verify replacement of mechanically fastened movable glass,** including windshields, and back, side, roof, heated, and encapsulated glass, wipers, mirrors, antennas, spoilers, interior and exterior trim, switches, relays, circuit protection devices, sensors, modules, motors, wiring harnesses, channels, guides, mouldings, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by visually inspecting, testing, and analysing performance and function; observing diagnostic system codes; using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6092: REPLACE MECHANICALLY FASTENED MOVABLE GLASS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6093.0 REPAIR GASKET-MOUNTED GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Repair gasket-mounted glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function of glass, and ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6093.01 Perform visual inspection of gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by checking for cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, worn, loose, damaged, missing, and defective components, and gasket condition, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6093.02 Diagnose and troubleshoot gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by checking for cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, worn, loose, damaged, missing, and defective components, and gasket condition; using appropriate hand, electronic test, and leak detection devices, and electrical and pneumatic power tools, including reveal moulding tools and fibre sticks, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID



**U6093.03 Repair gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by resealing, realigning, cleaning, and soldering; using injector, vacuum, and pressure type repair systems, ultraviolet resin, ultraviolet light, polishing unit and materials, heater/antenna and grid repair systems, adhesive, solder, and appropriate hand, electrical, and pneumatic power tools, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6093.04 Verify repair of gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by visually inspecting, testing, and analysing performance and function; and using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6093: REPAIR GASKET- MOUNTED GLASS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6094.0 REPLACE GASKET-MOUNTED GLASS**

**GENERAL PERFORMANCE OBJECTIVE**

Replace gasket-mounted glass in motorized and automotive vehicles by visually inspecting, diagnosing, troubleshooting, and verifying performance and function of glass, and ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6094.01 Perform visual inspection of gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by checking for cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, worn, loose, damaged, missing, and defective components, and gasket condition, according to manufacturers’ recommendations, specifications, safety requirements and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6094.02 Diagnose and troubleshoot gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by checking for cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, worn, loose, damaged, missing, and defective components, and gasket condition; and using appropriate hand, electronic test, and leak detection devices, electrical and pneumatic power tools, including reveal moulding tools and fibre sticks, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6094.03 Remove gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by extracting all broken glass and contaminants; protecting the vehicle and defroster vents; avoiding damage to the vehicle body; wearing all required safety equipment; positioning body (back, arms, and hands) in a manner that would protect self and others; safely storing glass for disposal or reuse; and using appropriate hand tools, including hook, gasket scrapers, utility knives, fibre sticks, electrical and pneumatic power tools, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6094.04 Replace gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by examining gasket condition, preparing frame opening; cleaning and preparing glass; identifying and applying required adhesive, gasket, or moulding; lifting, moving, centring, blocking, taping, hooking, roping, sealing, locking, and leak testing; and using hand, electrical, and pneumatic power tools, including rope, hook, and locking tools, suction cups, fibre sticks, lifting, rigging, blocking, and leak detection devices, with the aid of a partner where required, according to the vehicle and adhesive manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6094.05 Verify installation of gasket-mounted glass**, including windshields, and back, side, roof, and heated glass, by visually inspecting, testing, and analysing performance and function; and using appropriate hand, power, and specialized tools, gauges, and testing devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6094: REPLACE GASKET- MOUNTED GLASS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

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**U6095.0 PRODUCE AND INTERPRET TEMPLATE SKETCH AND CUT GLASS FOR AUTOMOTIVE OR MOTORIZED VEHICLES**

**GENERAL PERFORMANCE OBJECTIVE**

Produce and interpret a template sketch and cut glass for motorized and automotive vehicles, by visually inspecting, diagnosing, and verifying glass type and application, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

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**SKILLS**

**U6095.01 Perform visual inspection of the motorized or automotive vehicle, checking original glass** size, type, and application, existing template sketch, gasket, mounting device, trim and components, and condition of frame opening, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ **A trainer can be a journey person, a supervisor or the competent employee designated by the apprentice’s Sponsor.**

**U6095.02 Diagnose and troubleshoot motorized or automotive vehicle glass,** including windshields, and back, side, roof, and mirrors, by checking for original glass size, type, and application, existing template sketch, gasket, mounting device, trim and components, and condition of frame opening; and using appropriate hand tools and measuring devices, according to manufacturers’ recommendations, specifications, safety requirements and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6095.03 Produce a template for motorized and automotive vehicle glass,** including windshields, and back, side, roof, and mirrors, by tracing, sketching, measuring and calculating; using appropriate template materials, frame opening, mounting device, gasket, original glass, and appropriate hand tools and measuring devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6095.04 Interpret a template sketch for motorized and automotive vehicles**, including windshields, back, side, roof, and mirrors, by using appropriate calculations and measuring devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6095.05 Cut glass for motorized and automotive vehicles** including windshields, and back, side, roof, mirrors, by using appropriate hand, power, and specialized tools, and measuring devices, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6095.06 Verify the template sketch for motorized and automotive vehicles**, including windshields, and back, side, roof and mirrors by visually inspecting the template for fit, glass size, type, and application; and using appropriate hand and specialized tools, according manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**SPONSOR CONFIRMATION FOR U6095: PRODUCE AND INTERPRET TEMPLATE SKETCH AND CUT GLASS FOR AUTOMOTIVE OR MOTORIZED VEHICLES**

Date Completed (mm/dd/yy)	Sponsor Name (Print)	Sponsor Signature
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**U6096.0 ESTIMATE THE COST OF REPAIR OR REPLACEMENT OF GLASS AND RELATED COMPONENTS**

**GENERAL PERFORMANCE OBJECTIVE**

Estimate and document the cost of repairs or replacement of glass and related components by visually inspecting, diagnosing, troubleshooting, and verifying the cost of repairs to return the vehicle to pre-damaged condition, and ensuring the structural integrity of the vehicle, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

**SKILLS**

**U6096.01 Perform visual inspection of damaged glass and related components**, identifying glass systems, types, and applications, including windshields, side, back, heated, tempered, acrylic, laminated, and encapsulated glass, antennas, sun roofs, sun visors, wipers, mirrors, mounting pads, cowlings, switches, circuit protection devices, relays, solenoids, sensors, modules, motors, wiring harnesses, grid and heater terminals, trim, primers, damming tapes, urethanes, mouldings, channels, guides, regulator assemblies, weather stripping, seals, and fastening and mounting devices; observing unrelated existing damage; checking for structural integrity, misalignment, cracks, pitting, scratches, stone damage, distortion, de- lamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; and observing code system codes, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6096.02 Diagnose and troubleshoot damage to glass and related components** identifying glass systems, types and applications, including windshields, and side, back, heated, tempered, acrylic, laminated, and encapsulated glass, antennas, sunroofs, sun visors, wipers, mirrors, mounting pads, cowling, switches, circuit protection devices, relays, solenoids, sensors, modules, motors, wiring harnesses, grid and heater terminals, trim, primers, damming tapes, urethanes, mouldings, channels, guides, regulator assemblies, weather stripping, seals, and fastening and mounting devices; checking for structural integrity, misalignment, cracks, pitting, scratches, stone damage, distortion, delamination, burrs, chips, corrosion, adhesion, leaks, and worn, loose, damaged, missing, and defective components; and using appropriate hand and electronic testing devices, and electrical and pneumatic power tools, including reveal moulding tools and fibre sticks, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6096.03 Estimate and document the cost of repair or replacement of glass and related components**, including windshields, and side, back, heated, tempered, acrylic, laminated, and encapsulated glass, antennas, sunroofs, sun visors, wipers, mirrors, mounting pads, cowling, switches, circuit protection devices, relays, solenoids, sensors, modules, motors, wiring harnesses, grid and heater terminals, trim, primers, damming tapes, urethanes, mouldings, channels, guides, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by recording customer, insurance, vehicle data, and estimator’s name and date; calculating the costs of glass systems, types, sublets, towing, storing, freight, rentals, disposal fees, taxes, labour, parts, materials, and cure time; and using prescribed specification charts, templates, price lists, manuals, and computer software, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID



**U6096.04 Verify estimate of repair or replacement of glass and related components,** including windshields, side, back, heated, tempered, acrylic, laminated, and encapsulated glass, antennas, sunroofs, sun visors, wipers, mirrors, mounting pads, cowling, switches, circuit protection devices, relays, solenoids, sensors, modules, motors, wiring harnesses, grid and heater terminals, trim, primers, damming tapes, urethanes, mouldings, channels, guides, regulator assemblies, weather stripping, seals, and fastening and mounting devices, by validating specifications, calculations, and vehicle and insurance data, according to manufacturers’ recommendations, specifications, safety requirements, and government regulations.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6906: ESTIMATE THE COST OF REPAIR OR REPLACEMENT OF GLASS AND RELATED COMPONENTS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6097.0      DETAIL VEHICLE AND COMPONENTS**

**GENERAL PERFORMANCE OBJECTIVE**

Detail the vehicle, including glass and related components, by performing a visual inspection and verifying the quality of detailing, restoring the vehicle’s appearance to a pre-damaged condition, according to manufacturers’ recommendations, specifications, safety requirements, and customer satisfaction.

**SKILLS**

**U6097.01    Perform visual inspection of vehicle**, identifying condition of fit and finish of glass and related components, including body panels, mouldings, trim, upholstery, carpet, trunk, dash, defroster vents, and parcel trays, by checking for glass fragments, staining, dirt, odours, excessive adhesive, primers and contaminants on the trim, parts, and upholstery, and loose, damaged, and missing components, according to manufacturer’s recommendations, specifications, safety requirements, and customer satisfaction.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6097.02    Perform detailing of vehicle**, identifying fit and finish of glass and related components, including mouldings, trim, upholstery, carpet, trunk, dash, defroster vents, and parcel trays, by removing masking, covers and other protective materials, vacuuming and cleaning; using cleaning agents, air, hand, power and specialized tools and equipment; wearing all required safety equipment; restoring the vehicle appearance to a pre-damaged condition, according to manufacturer’s recommendations, specifications, and safety requirements.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

**U6097.03 Verify detailing of vehicle**, identifying fit and finish of glass and related components, including mouldings, trim, upholstery, carpet, trunk, dash, defroster vents, and parcel trays, by visually inspecting, testing, and analysing performance and function of detailing methods and materials; and effectively communicating required care and control of the vehicle following glass repair or installation, and warranty provisions and limitations, according to manufacturers’ recommendations, specifications, and safety requirements.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6097: DETAIL VEHICLE AND COMPONENTS</b>		
<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>

**U6098.0      COMMUNICATE EFFECTIVELY**

**GENERAL PERFORMANCE OBJECTIVE**

Communicate effectively by demonstrating good interpersonal relations with supervisors, co-workers, and customers; and using attentive listening and effective speaking skills, according to company policy.

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**SKILLS**

**U6098.01    Communicate with supervisors and co-workers**, identifying any unsafe or non-compliant conditions; tools and equipment requirements; scheduling and operational issues; and all other information required to create a safe and successful work environment.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

◇ A trainer can be a journeyperson, a supervisor or the competent employee designated by the apprentice’s Sponsor.

**U6098.02    Communicate with customers** by using attentive listening, and effective speaking and writing skills to accurately understand and record customer service requirements and other related information, and to provide information on required care and control of the vehicle following glass repair or installation, warranty provisions and limitations, and safety issues according to manufacturers’ recommendations and specifications.

(mm/dd/yy)	Trainer (Print Name)	◇Trainer (Signature)
(mm/dd/yy)	Apprentice (Signature)	College of Trades ID

<b>SPONSOR CONFIRMATION FOR U6098: COMMUNICATE EFFECTIVELY</b>		
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<b>Date Completed (mm/dd/yy)</b>	<b>Sponsor Name (Print)</b>	<b>Sponsor Signature</b>
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## DEFINITIONS

### Apprentices Class

Individuals in this class:

- Hold one or more valid Registered Training Agreements with the Ministry of Training, Colleges and Universities in either compulsory or voluntary trades;
- Hold a valid statement of membership with the Ontario College of Trades in the Apprenticeship class;
- Are subject to any ratios or wage rates that have been set out in regulation for their trade(s);
- Can remain in this class until they receive their Certificate of Apprenticeship;
- Can hold themselves out as Apprentices.

### Certificate of Apprenticeship (C of A)

A certificate issued by the Minister of Training, Colleges and Universities to individuals who have demonstrated that they have completed an apprenticeship program in Ontario.

### Certificate of Qualification (C of Q)

A certificate issued by the Registrar on behalf of the College of Trades to a Journeyperson. A Certificate of Qualification will serve as proof of having met any testing/program requirements and membership in the College's Journeypersons Class.

### Competence

The ability of an individual to perform a skill repeatedly and without assistance in the workplace as set out in the Log Book.

### Competency Analysis Profile (CAP Chart)

A chart that identifies the training needs of an individual trade and details the skills/skill sets that must be demonstrated during an apprenticeship program.

### Competent Person

A competent person is defined by the *Occupational Health and Safety Act* as being a person who:

- Is qualified because of their knowledge, training and experience to organize the work and its performance;
- Is familiar with the *Occupational Health and Safety Act* and its regulations that apply to the work; and has knowledge of any potential or actual danger to health or safety in the workplace.

### **Competent Worker**

A competent worker is defined by the *Occupational Health and Safety Act* as being a person who:

- Is qualified because of knowledge, training and experience to perform the work;
- Is familiar with the *Occupational Health and Safety Act* and with the provisions of the regulations that apply to the work; and
- Has knowledge of all potential or actual danger to health or safety in the work.

### **Sponsor**

Means a person that has entered into a Registered Training Agreement under which the person is required to ensure that an individual is provided with workplace-based training in a trade as part of an apprenticeship program established by the College of Trades.

### **Sponsor of Record**

Refers to the Sponsor documented as being signatory to the current training agreement or contract. In order for a Sponsor to be considered for the training of Apprentices, they must identify that the workplace has qualified Journeypersons or the equivalent on site, and can identify that the workplace has the tools, equipment, materials, and processes which have been identified by the Industry representatives for the trade.

### **Incompetence**

According to the *Ontario College of Trades and Apprenticeship Act, 2009*, a member of the College of Trades may be found to be incompetent by the College Of Trades Discipline Committee if the Committee feels that the member has displayed a lack of knowledge, skill or disregard for another person's welfare while practising their trade. If this happens, the individual may be found unfit to practise their trade and their Statement of Membership/Certificate of Qualification may be revoked, suspended, or be subject to terms, conditions or limitations.

### **Journeyperson**

Compulsory Trades Journeyperson:

- Someone who holds a valid Certificate of Qualification in the trade and who is a member in good standing of the College of Trades Journeypersons Class for the same trade; or
- Someone who holds a valid Provisional Certificate of Qualification in the trade and who is a member in good standing of the College of Trades Journeypersons Class for the same trade.

Voluntary Trades Journeyperson:

- Someone who holds a valid Certificate of Qualification in the trade and who is a member in good standing of the College of Trades Journeypersons Class for the same trade; or
- Someone who holds a Certificate of Qualification in the trade that was issued by the Ministry of Training, Colleges and Universities prior to April 8, 2013 (membership in the College of Trades is not required in this scenario).

**Journey person Candidates Class**

An individual who has completed an Ontario apprenticeship program (Certificate of Apprenticeship) in a voluntary or compulsory trade that has a Certificate of Qualification examination, but has not passed the Certificate of Qualification examination for their trade. There is a maximum time limit of one year to remain in the Journey person Candidates Class.

Are subject to any ratios and/or wage rates that have been set out for their trade(s), if they practise a compulsory trade.

Can continue to work legally in their trade if they are in a compulsory trade, as they prepare to write their examination (individuals in voluntary trades do not have to be members of the College of Trades to work legally); and can hold themselves out as Journey person Candidates (they are neither Apprentices nor Journey persons).

Can remain in this class for a maximum of one year or until they pass the Certificate of Qualification exam and become members of the Journey persons class. However, they can only remain in this class for a maximum of one year. After one year they can move into the Trades persons Class if they are in a voluntary trade. If they are in a compulsory trade and have been in the Journey person Candidates Class for one year, they can no longer work legally in that trade until they pass the Certificate of Qualification examination.

**Mandatory Skill**

Status assigned to unshaded individual skills, skill sets or general performance objectives which must be signed off for the Apprentice to complete their program.

**OCTAA**

*Ontario College of Trades and Apprenticeship Act, 2009*

**Optional Skill**

Status assigned to shaded individual skills, skills sets or general performance objectives for which sign-off is not required for the Apprentice to complete the program.

**Ratios**

For up to date information regarding Journey person to Apprentice ratios, please visit: [collegeoftrades.ca](http://collegeoftrades.ca)

### **Red Seal Program**

The Interprovincial Standards Red Seal Program (also known as the Red Seal Program) was established more than 50 years ago to provide greater mobility across Canada for skilled workers and represents a standard of excellence for industry. Through the program, individuals are able to obtain a Red Seal endorsement on their provincial/territorial certificates by successfully completing an interprovincial Red Seal examination. The Interprovincial Standards Red Seal Program acknowledges their competence and ensures recognition of their certification throughout Canada without further examination. There are currently over 50 Red Seal designated trades. The Red Seal Program is recognized as the interprovincial *standard of excellence* in the skilled trades. The Interprovincial Standards Red Seal Program is a partnership between the Government of Canada, the Provinces, the Territories and various stakeholders.

### **Sign-off**

Signature of the Sponsor of record, or an individual to whom that Sponsor has delegated signing authority, (e.g. Trainer) indicating an Apprentice's demonstration of competence.

### **Skill**

Individual skill described in the Log Book (note: does not mean the larger skill groups referred to in the Log Book as Skill Sets, Training Units, or General Performance Objectives, but the individual skills that make up those groups).

### **Skill Sets**

Group of individual skills found in the Log Book (may also be called Training Unit or General Performance Objective).

### **Skill Set Completion for Sponsors**

Listing for all skill sets and includes space for sign-off by Sponsor of record.

### **Supervisor**

An individual who oversees the performance of a task and oversees the actions or work of others.

### **Trade Board**

Under the *Ontario College of Trades and Apprenticeship Act, 2009*, the [College of Trades Appointments Council](#) (COTAC) may appoint a Trade Board for each designated trade, composed of Employee and Employer representatives from the industry. Trade Boards are responsible for advising and making recommendations to the College of Trades Divisional Boards on issues relating to their trade. When there is no appointed trade board for a trade, the respective sector Divisional Board will act as the default Trade Board for the trade.



### **Tradespersons Class**

A Class of Membership for individuals who practise in a voluntary trade which may or may not have a Certificate of Qualification examination.

Individuals in this class:

Have been members of the Journeyperson Candidates Class or are not eligible for Journeyperson Candidates Class and have been assessed to have experience and/or qualifications that are equivalent to a Certificate of Apprenticeship in that trade

- Are preparing to write/have no plans to write/have not passed the available Certificate of Qualification exam for their trade(s);
- Can remain in this class indefinitely or until they pass the available Certificate of Qualification exam for their trade(s); and
- Can hold themselves out as tradespersons (they are neither apprentices nor journeypersons).

**Note:** Individuals in the Tradespersons Class are considered Journeypersons for the purpose of determining ratios for that trade.

### **Trainer**

A qualified Trainer in a compulsory trade is a Journeyperson with a Certificate of Qualification. In a voluntary trade, a Trainer is an individual who is considered equivalent to a Journeyperson with a Certificate of Qualification.

## READY TO WRITE YOUR EXAM?

Many of the skilled trades in Ontario have a final certification examination that you must pass to become certified in your trade. Passing the examination gives you the right to join the Journeypersons class of members at the Ontario College of Trades and receive a Certificate of Qualification in your trade.

There are two types of trade certification examinations in Ontario:

1. Provincial (Ontario) examinations - which lead to a Certificate of Qualification.
2. Red Seal examinations – which lead to a Certificate of Qualification with an Interprovincial Red Seal endorsement.

If a trade is designated as Red Seal in Ontario, you will be writing the Red Seal examination. To access the Red Seal preparation guide please visit: [red-seal.ca](http://red-seal.ca)

You will write an Ontario-only examination when your trade is not designated as Red Seal trade in Ontario.

### Ontario's Exam Preparation Guide

[collegeoftrades.ca](http://collegeoftrades.ca)

### Basic Examination Details for You to Know

You will have **up to four hours to write your examination**. If you need more time, you must ask for it when you schedule the examination, not on the day of your examination. You can leave the examination centre if you complete the examination in less than four hours.

You need a mark of 70% to pass.

Exam questions are multiple choice with four options from which you must choose the correct answer. Your examination may have between 90 and 150 multiple choice questions.

### Scheduling Your Examination

The examination scheduling process is currently outlined in detail on the College of Trades website: [collegeoftrades.ca](http://collegeoftrades.ca)

### Remember these 3 basic steps:

1. Confirm your eligibility to write the examination with the College of Trades.
2. Contact Client Services at the College of Trades to pay your examination fee.
3. Contact the local Ministry apprenticeship office to schedule your examination in their examination centre: <http://services.findhelp.ca/eo/tcu/appoff>

**INSTRUCTIONS FOR RECORDING A CHANGE IN SPONSOR**

1. Record your first sponsor's information in Sponsor Record #1 – this would be the sponsor who has signed your initial apprenticeship Training Agreement for this trade.
2. If you do change sponsors prior to completing this apprenticeship, please contact your local Ministry of Training, Colleges and Universities Apprenticeship Office immediately to update your sponsor record.
3. Please make sure you do record all of the information regarding any additional sponsors of record towards your apprenticeship using the Sponsor Records on the following pages (if applicable).

**You must fill out a CHANGE OF SPONSOR RECORD each time you change your sponsor.**

**SPONSOR RECORD #1**

SPONSOR INFORMATION	
Apprentice Name	
Registered Training Agreement #	
Sponsor Name	
Address	
Telephone	
E-mail Address	

SUMMARY OF TRAINING	
Employment Start Date	
Employment End Date	
Total hours of training & instruction between dates of employment.	
Skill Sets Completed (e.g. UXXXX)	

As the Sponsor, I hereby confirm that the above information is true and accurate to the best of my knowledge.

Signature: \_\_\_\_\_ Date: (mm/dd/yy) \_\_\_\_\_

The Sponsor is required to sign off and date the skills after the Apprentice has proven competence in those skills. However, if a skill is shaded, it is optional and does not need to be signed off.

***\*If you need additional copies of the Sponsor Record, please photocopy as needed or visit [collegeoftrades.ca](http://collegeoftrades.ca) and search Sponsor Record Form.***

**CHANGE OF SPONSOR RECORD #2**

SPONSOR INFORMATION	
Apprentice Name	
Registered Training Agreement #	
Sponsor Name	
Address	
Telephone	
E-mail Address	

SUMMARY OF TRAINING	
Employment Start Date	
Employment End Date	
Total hours of training & instruction between dates of employment.	
Skill Sets Completed (e.g. UXXXX)	

As the Sponsor, I hereby confirm that the above information is true and accurate to the best of my knowledge.

Signature: \_\_\_\_\_ Date: (mm/dd/yy) \_\_\_\_\_

The Sponsor is required to sign off and date the skills after the Apprentice has proven competence in those skills. However, if a skill is shaded, it is optional and does not need to be signed off.

***\*If you need additional copies of the Sponsor Record, please photocopy as needed or visit [collegeoftrades.ca](http://collegeoftrades.ca) and search Sponsor Record Form.***

**CHANGE OF SPONSOR RECORD #3**

SPONSOR INFORMATION	
Apprentice Name	
Registered Training Agreement #	
Sponsor Name	
Address	
Telephone	
E-mail Address	

SUMMARY OF TRAINING	
Employment Start Date	
Employment End Date	
Total hours of training & instruction between dates of employment.	
Skill Sets Completed (e.g. UXXXX)	

As the Sponsor, I hereby confirm that the above information is true and accurate to the best of my knowledge.

Signature: \_\_\_\_\_ Date: (mm/dd/yy) \_\_\_\_\_

The Sponsor is required to sign off and date the skills after the Apprentice has proven competence in those skills. However, if a skill is shaded, it is optional and does not need to be signed off.

***\*If you need additional copies of the Sponsor Record, please photocopy as needed or visit [collegeoftrades.ca](http://collegeoftrades.ca) and search Sponsor Record Form.***

## INSTRUCTIONS FOR APPRENTICESHIP PROGRAM COMPLETION (Appendix A)

Once an Apprentice has completed all the classroom training and on-the-job hours specified for the trade, and has acquired all the mandatory skills included in this Log Book:

1. The Apprentice and the Sponsor complete the Apprentice Completion Form and the Skill Set Completion for Sponsors Form located on the following pages.
2. They sign the forms and submit them to their local Ministry of Training, Colleges and Universities apprenticeship office. To find the closest office, check the contact information at <http://services.findhelp.ca/eo/tcu/appoff> or call the Employment Ontario toll free number at (1-800-387-5656).
3. Since this trade is competency based, all mandatory skills in the Log Book must be signed off. If the Sponsor is completing the Apprentice before the industry recommended training hours are done, Ministry staff may request further information regarding the Apprentice's on-the-job training. An example of a request would be a letter from the Sponsor confirming the Apprentice worked for some time in the trade before the initial Training Agreement was registered, thereby acquiring some skills beforehand.

If Apprentices are submitting the completion request form and supporting documentation to their local Ministry of Training, Colleges and Universities apprenticeship office by mail, fax, or email (as a scanned document), they should not include their Log Book; if they are presenting this form in person at the local apprenticeship office, they should bring their Log Book with them.

After Ministry staff verifies all the information in the completion request, they may contact either the Apprentice or the Sponsor for further information or documentation. Once the completion has been confirmed, the Ministry will issue a Certificate of Apprenticeship to the Apprentice.

The Ontario College of Trades will receive notification of this completion, and complete the individual's membership in the Apprentices class for the trade. If the Apprentice has completed a program in a compulsory trade, the College of Trades will automatically register the Apprentice as a member of the Journeyperson Candidates class so the Apprentice can continue to work legally for one year while preparing for the certification examination. If an apprentice completes their apprenticeship in a voluntary trade **and** there is no Certificate of Qualification exam, they can apply for membership in the Journeypersons Class at the Ontario College of Trades. If there is a Certificate of Qualification exam, they must write and pass the exam in order to enter the Journeypersons Class at the Ontario College of Trades.

For permission to schedule an exam once completion is confirmed by the Ministry, the individual must first contact the College of Trades Client Services Department at 647-847-3000 or toll free at 1-855-299-0028 to pay the certification examination fee.

## APPRENTICE COMPLETION FORM (Appendix B)

*Please fill out both sides of this form, including the Skill Set Completion for Sponsors (see back of form). Once both sides are completed, submit the form to your local Ministry of Training, Colleges and Universities apprenticeship office (find contact information at <http://services.findhelp.ca/eo/tcu/appoff> or by calling Employment Ontario at (1-800-387-5656).*

APPRENTICE INFORMATION	
Name (print)	
Client ID # Issued by Ministry	
Telephone Number(s)	

SPONSOR INFORMATION	
Legal Name	
Address	
Telephone Number(s)	
Sponsor's Signing Authority ( <i>print name</i> )	
E-mail Address	

PROGRAM INFORMATION			
Trade Name			
Number of hours required as per Training Agreement ( <i>for hours-based trades only</i> )			
Hours completed? ( <i>documentation attached</i> )	Yes ( )	No ( )	Not applicable ( )
Classroom training completed or exempt?	Yes ( )	No ( )	Not applicable ( )

I hereby confirm that the information submitted on both sides of this form is true and accurate.

**X** \_\_\_\_\_  
Apprentice's signature                      Date

**X** \_\_\_\_\_  
Signature of Sponsor's Signing Authority                      Date



## SKILL SET COMPLETION FOR SPONSORS (Appendix C)

*You will find the skill set numbers and titles in the Log Book's Table of Contents. By signing off each skill set in the table below, you are providing final confirmation, as the Apprentice's Sponsor, that the Apprentice has demonstrated competency in all the mandatory skills included in the skill set.*

SKILL SET #	SKILL SET TITLE	SIGNING AUTHORITY SIGNATURE
U6085.0	PROTECT SELF AND OTHERS	
U6086.0	REPAIR TRIM AND RELATED COMPONENTS	
U6087.0	REPAIR BONDED GLASS	
U6088.0	REPLACE BONDED GLASS	
U6089.0	REPAIR MECHANICALLY FASTENED STATIONARY GLASS	
U6090.0	REPLACE MECHANICALLY FASTENED STATIONARY GLASS	
U6091.0	REPAIR MECHANICALLY FASTENED MOVABLE GLASS	
U6092.0	REPLACE MECHANICALLY FASTENED MOVABLE GLASS	
U6093.0	REPAIR GASKET-MOUNTED GLASS	
U6094.0	REPLACE GASKET MOUNTED GLASS	
U6095.0	PRODUCE AND INTERPRET TEMPLATE SKETCH AND CUT GLASS FOR AUTOMOTIVE OR MOTORIZED	
U6096.0	ESTIMATE THE COST OF REPAIR OR REPLACEMENT OF GLASS AND RELATED COMPONENTS	
U6097.0	DETAIL VEHICLE AND COMPONENTS	
U6098.0	COMMUNICATE EFFECTIVELY	

### MINISTRY OF TRAINING, COLLEGES AND UNIVERSITIES USE ONLY:

Sponsor verified as most recent sponsor of record:                      Yes ( )                      No ( )  
 Documentation to support completion of hours attached:                      Yes ( )                      No ( )  
 Completion of classroom training verified:                      Yes ( )                      No ( )

Staff Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

**MINISTRY OF TRAINING, COLLEGES AND UNIVERSITIES  
APPRENTICESHIP OFFICES IN ONTARIO (Appendix D)**

<b>Location</b>	<b>Contact</b>	<b>Location</b>	<b>Contact</b>
<b>Barrie</b> 705-737-1431	55 Cedar Pointe Dr Unit 609, Barrie, ON L4N 5R7	<b>North Bay</b> 705-495-8515	200 First Ave West, North Bay, ON P1B 3B9
<b>Belleville</b> 613-968-5558	135 North Front St, Belleville, ON K8P 3B5	<b>Ottawa</b> 613-731-7100	Preston Square, 347 Preston St 3rd Flr, Ottawa, ON K1S 3H8
<b>Brantford</b> 519-756-5197	505 Park Rd North Suite 201, Brantford, ON N3R 7K8	<b>Owen Sound</b> 519-376-5790	1450 1st Ave West Suite 100, Owen Sound, ON N4K 6W2
<b>Chatham</b> 519-354-2766	870 Richmond St West 1st Floor, Chatham, ON N7M 5J5	<b>Pembroke</b> 613-735-3911	615 Pembroke St East, Pembroke, ON K8A 3L7
<b>Cornwall</b> 613-938-9702	132 Second St East Ste 202, Cornwall, ON K6H 1Y4	<b>Peterborough</b> 705-745-1918	901 Lansdowne St West, Peterborough, ON K9J 1Z5
<b>Dryden</b> 807-223-4632	Provincial Government Building, 479 Government St, Dryden, ON P8N 3K9	<b>Pickering (City of)</b> 905-837-7721	1420 Bayly St Unit 1, Pickering, ON L1W 3R4
<b>Elliot Lake</b> 705-848-4661	50 Hillside Dr North, Elliot Lake, ON P5A 1X4	<b>Sarnia</b> 519-542-7705	Bayside Mall, 150 Christina St North, Sarnia, ON N7T 7W5
<b>Fort Frances</b> 807-274-8634	922 Scott St 2nd Flr, Fort Frances, ON P9A 1J4	<b>Sault Ste. Marie</b> 705-945-6815	477 Queen St East 4th Flr, Sault Ste Marie, ON P6A 1Z5
<b>Hamilton Central</b> 905-521-7764	Ellen Fairclough Bldg, 119 King St West 8th Flr, Hamilton, ON L8P 4Y7	<b>St Catharines</b> 905-704-2991	Garden City Tower, 301 St Paul St 10th Flr, St Catharines, ON L2R 7R4
<b>Kapuskasing</b> 705-337-4381	Ontario Government Complex, 122 Government Rd West, Kapuskasing, ON P5N 2X8	<b>Sudbury</b> 705-564-3030	159 Cedar St Ste 506, Sudbury, ON P3E 6A5
<b>Kenora</b> 807-468-2879	227 1/2 Second St South, Kenora, ON P9N 1G4	<b>Thunder Bay</b> 807-346-1550	189 Red River Rd Suite 103, Thunder Bay, ON P7B 1A2
<b>Kingston</b> 613-548-1151	Cornell Corporate Centre, 299 Concession St Ste 201, Kingston, ON K7K 2B9	<b>Timmins</b> 705-235-1950	Ontario Government Complex, 5520 Highway 101 East Wing B, South Porcupine, ON P0N 1H0
<b>Kitchener</b> 519- 653-5758	4275 King St East Ste 200, Kitchener, ON N2P 2E9	<b>Toronto Central</b> 416-326-5800	625 Church St 1st Fl, Toronto, ON M7A 2B5
<b>London</b> 519-675-7788	1200 Commissioners Rd E Unit 72, London, ON N5Z 4R3	<b>Windsor Central</b> 519-973-1441	Roundhouse Centre, 3155 Howard Ave 2nd Fl, Ste 200, Windsor, ON N8X 4Y8
<b>Mississauga (City of)</b> 905-279-7333	The Emerald Centre, 10 Kingsbridge Garden Cir Ste 404, Mississauga, ON L5R 3K6		

For current office listings, please visit: <http://services.findhelp.ca/eo/tcu/appoff>

## Completing Your Apprenticeship Program

Once your sponsor agrees that your hours are complete and you are competent in the required skills, and you have completed all the levels of classroom training required for your trade:

- ✔ Check the Ontario College of Trades Public Register to make sure your Apprentices class membership is still active:  
<https://tmsportal.collegeoftrades.ca/web/ocot-public-services-v3/public-registry>
- ✔ Follow the completion instructions on the Completion Form (Appendix A) in the Log Book.
- ✔ Answer any questions that MTCU staff may have, and provide any additional completion documentation they may require.
- ✔ Once they confirm completion, MTCU will issue you a Certificate of Apprenticeship and notify the Ontario College of Trades of your completion.

## After Your Apprenticeship

If you are in a trade with a certification exam, the College of Trades will **automatically** complete your membership in the Apprentices class and activate your 12-month membership in the Journeyman Candidates class. This change will be reflected on your account with the College as well as on the College's Public Register.

Membership in the Journeyman Candidates class will allow you to continue practising in a compulsory trade for 12 months while you prepare for and write your exam; if you are in a voluntary trade, it is your automatic approval to challenge the certification exam.

The College will send you a Journeyman Candidates class welcome letter within 3 weeks of completion that outlines any/all of your future requirements for membership and examination as appropriate (different situations for voluntary and compulsory trades).

If you complete an apprenticeship program for which there is no exam, you can submit an application to become a member of the College's Journeymen class on the basis of having earned a Certificate of Apprenticeship in the trade.

## Preparing For Your Exam

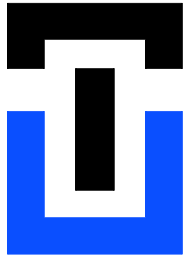
**Find out if your trade has a Certificate of Qualification exam at:**

[www.collegeoftrades.ca/wp-content/uploads/tradesOntarioTradesCodes\\_En.pdf](http://www.collegeoftrades.ca/wp-content/uploads/tradesOntarioTradesCodes_En.pdf)

**For permission to schedule an exam once completion is confirmed by MTCU**, you must first contact the College's Client Services Department at 647-847-3000 or toll free at 1-855-299-0028 to pay the certification exam fee. Once you have paid, contact your local MTCU Apprenticeship office to book your exam.

**Download Ontario College of Trades exam preparation guide at:**

[www.collegeoftrades.ca/resources/exam-process](http://www.collegeoftrades.ca/resources/exam-process) and/or view the exam preparation guide for Red Seal trades at: [www.red-seal.ca/w.2lc.4m.2@-eng.jsp](http://www.red-seal.ca/w.2lc.4m.2@-eng.jsp)



**ONTARIO COLLEGE OF TRADES**  

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**ORDRE DES MÉTIERS DE L'ONTARIO**

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