



## MOTORCYCLE TECHNICIAN

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### Occupation Description

Motorcycle technicians work primarily on 2 and 3-wheeled motorcycles and other units such as motor scooters. They inspect, clean, test, assemble, diagnose, maintain and repair engines, transmissions, drive systems, steering assemblies, braking systems, chassis and suspension, electrical systems, vehicle management systems, fuel systems and exhaust systems. They may specialize in repairing, rebuilding, customizing or servicing these systems or assemblies.

Motorcycle technicians work with hand, power, pneumatic, measuring, diagnostic and testing tools, and shop equipment. Reference material, documentation, computers and software are also necessary tools in this trade. With additional training, Motorcycle technicians can transfer their skills and knowledge to related units and equipment such as, but not limited to, all-terrain vehicles, snowmobiles, watercraft and outdoor power equipment.

For detailed information on the scope of knowledge and skills taught and assessed in this program refer to the Program Outline, available on the ITA website.

### Pathways to Certification

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

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

Foundation programs, where available, provide adults and youth who do not have work experience or employer sponsorship with an opportunity to gain the knowledge and skills needed to enter the occupation. Individuals who wish to enroll in a Foundation program must register directly with the training provider.

### Recommended Education

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

- Grade 10 or equivalent including English 10, Mathematics 10 and Science 10
- Preferred: Grade 12

### ITA Registration

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

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

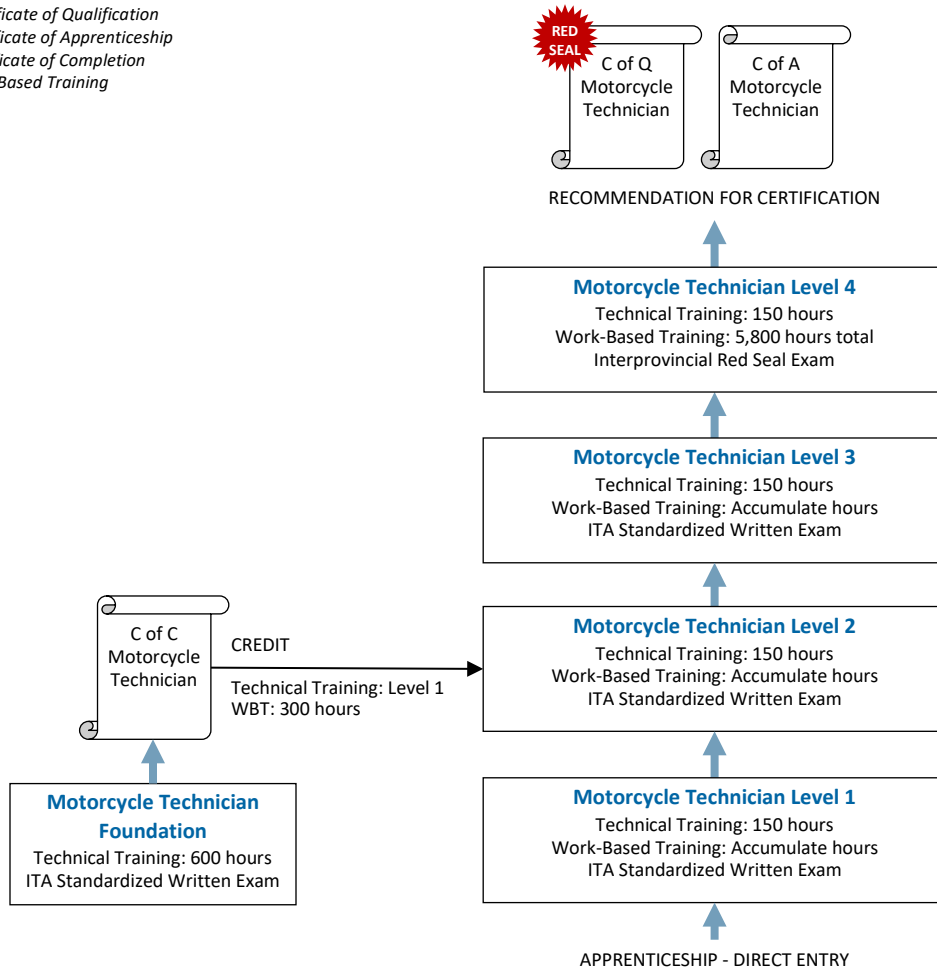


## Apprenticeship Pathway

This graphic provides an overview of the Motorcycle Technician apprenticeship pathway.

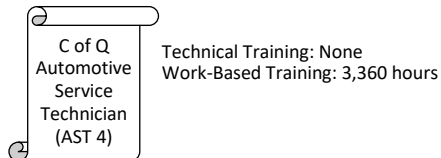
### Motorcycle Technician

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



#### CROSS-PROGRAM CREDITS

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





**Apprenticeship Program Standards**

<b>Credentials Awarded</b>	<ul style="list-style-type: none"> <li>▪ Motorcycle Technician – Certificate of Qualification with Red Seal endorsement</li> <li>▪ Motorcycle Technician – Certificate of Apprenticeship</li> </ul>										
<b>ITA Registration Prerequisites</b>	<ul style="list-style-type: none"> <li>▪ Agreement signed by the employer to sponsor the apprentice</li> </ul>										
<b>Completion Requirements</b>	<p>Certification as a Motorcycle Technician is awarded upon successful completion of:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Requirement</th> <th style="text-align: left;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td>Technical Training</td> <td>           Minimum 70% in each level of technical training:           <ul style="list-style-type: none"> <li>▪ Level 1: 150 hours and ITA standardized written exam</li> <li>▪ Level 2: 150 hours and ITA standardized written exam</li> <li>▪ Level 3: 150 hours and ITA standardized written exam</li> <li>▪ Level 4: 150 hours</li> </ul> </td> </tr> <tr> <td>Interprovincial Red Seal Exam</td> <td> <ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul> </td> </tr> <tr> <td>Work-Based Training</td> <td> <ul style="list-style-type: none"> <li>▪ 5,800 hours</li> </ul> </td> </tr> <tr> <td>Recommendation for Certification</td> <td> <ul style="list-style-type: none"> <li>▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority</li> </ul> </td> </tr> </tbody> </table>	Requirement	Level of Achievement Required	Technical Training	Minimum 70% in each level of technical training: <ul style="list-style-type: none"> <li>▪ Level 1: 150 hours and ITA standardized written exam</li> <li>▪ Level 2: 150 hours and ITA standardized written exam</li> <li>▪ Level 3: 150 hours and ITA standardized written exam</li> <li>▪ Level 4: 150 hours</li> </ul>	Interprovincial Red Seal Exam	<ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul>	Work-Based Training	<ul style="list-style-type: none"> <li>▪ 5,800 hours</li> </ul>	Recommendation for Certification	<ul style="list-style-type: none"> <li>▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority</li> </ul>
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Interprovincial Red Seal Exam	<ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul>										
Work-Based Training	<ul style="list-style-type: none"> <li>▪ 5,800 hours</li> </ul>										
Recommendation for Certification	<ul style="list-style-type: none"> <li>▪ Recommendation for certification signed by the Sponsor and an individual holding credentials eligible for sign-off authority</li> </ul>										
<b>Program Duration</b>	<p>Duration varies depending on how training is delivered, but the program generally takes four years to complete.</p> <p>The technical training requirement is typically met through block-release training (full-time, at school) delivered by an ITA-approved training provider. It can also be met through approved alternative training models (e.g., distance education, online, part-time) and/or level challenge where these options are available.</p>										
<b>Sign-off Authority</b>	<p>Credentials eligible to sign-off on the Recommendation for Certification:</p> <ul style="list-style-type: none"> <li>▪ Motorcycle Technician – Certificate of Qualification with Interprovincial Red Seal endorsement</li> <li>▪ Motorcycle Technician – Certificate of Qualification</li> <li>▪ Motorcycle Mechanic (Motorcycle &amp; Power Equipment Technician) – Certificate of Qualification with Interprovincial Red Seal endorsement</li> <li>▪ Motorcycle Mechanic – Certificate of Qualification</li> <li>▪ Motorcycle Mechanic – Interprovincial Red Seal endorsement</li> <li>▪ ITA-issued letter authorizing supervision and sign-off of apprentices in this occupation</li> </ul>										
<b>Challenging a Level</b>	<p>The following levels of technical training can be challenged for advanced placement in this program:</p> <p>Level</p> <ul style="list-style-type: none"> <li>▪ Level 1</li> <li>▪ Level 2</li> <li>▪ Level 3</li> </ul>										



### Apprenticeship Program Standards

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#### Cross-Program Credits

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

Credential	Credit(s) Granted
Automotive Service Technician (AST 4) – Certificate of Qualification	<ul style="list-style-type: none"><li>▪ Technical Training: None</li><li>▪ Work-Based Training: 3,360 hours</li></ul>

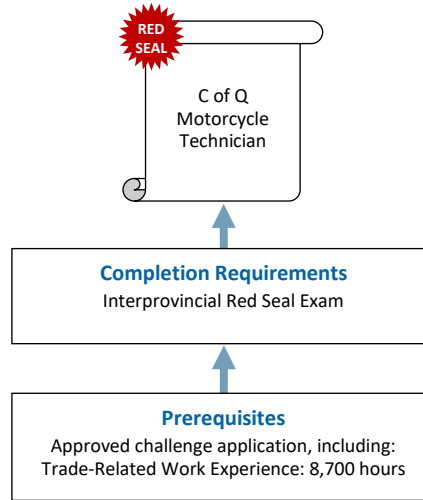
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### Challenge Pathway

This graphic provides an overview of the Motorcycle Technician challenge pathway.

*C of Q = Certificate of Qualification*



**CREDIT FOR PRIOR LEARNING**

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

None

### Challenge Program Standards

<b>Credentials Awarded</b>	Motorcycle Technician – Certificate of Qualification with Red Seal endorsement				
<b>ITA Registration Prerequisites</b>	An approved Challenge Application, which includes: <ul style="list-style-type: none"> <li>8,700 documented hours of directly related experience working in the occupation</li> </ul>				
<b>Credit for Prior Learning</b>	Individuals who hold the credentials listed below are considered to have met, or partially met, the prerequisites for challenging this program: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>Credential</th> <th>Credit(s) Granted</th> </tr> </thead> <tbody> <tr> <td>None</td> <td> <ul style="list-style-type: none"> <li>N/A</li> </ul> </td> </tr> </tbody> </table>	Credential	Credit(s) Granted	None	<ul style="list-style-type: none"> <li>N/A</li> </ul>
Credential	Credit(s) Granted				
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<b>Completion Requirements</b>	Certification as a Motorcycle Technician is awarded upon successful completion of: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>Requirement</th> <th>Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td>Interprovincial Red Seal Exam</td> <td> <ul style="list-style-type: none"> <li>Minimum 70%</li> </ul> </td> </tr> </tbody> </table>	Requirement	Level of Achievement Required	Interprovincial Red Seal Exam	<ul style="list-style-type: none"> <li>Minimum 70%</li> </ul>
Requirement	Level of Achievement Required				
Interprovincial Red Seal Exam	<ul style="list-style-type: none"> <li>Minimum 70%</li> </ul>				



## Foundation Program

Refer to the Apprenticeship pathway diagram for this program to see how the Motorcycle Technician Foundation program leads to apprenticeship in this trade.

### Foundation Program Standards

<b>Credentials Awarded</b>	Motorcycle Technician – Certificate of Completion				
<b>Enrollment Prerequisites</b>	Contact training provider. Prerequisites vary between training institutions				
<b>Completion Requirements</b>	<p>A Certificate of Completion in this program is awarded upon successful completion of:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: left;">Requirement</th> <th style="width: 50%; text-align: left;">Level of Achievement Required</th> </tr> </thead> <tbody> <tr> <td>Technical Training and ITA standardized written exam</td> <td> <ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul> </td> </tr> </tbody> </table>	Requirement	Level of Achievement Required	Technical Training and ITA standardized written exam	<ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul>
Requirement	Level of Achievement Required				
Technical Training and ITA standardized written exam	<ul style="list-style-type: none"> <li>▪ Minimum 70%</li> </ul>				
<b>Program Duration</b>	Duration varies depending on how training is delivered, but the program generally takes 20 weeks to complete, assuming 30 hours in school per week.				
<b>Credit toward Apprenticeship</b>	<p>Individuals who complete the Motorcycle Technician Foundation program will receive the following credit toward completion of the Motorcycle Technician apprenticeship program:</p> <ul style="list-style-type: none"> <li>▪ Technical Training: Level 1</li> <li>▪ Work-Based Training: 300 hours</li> </ul>				



## Supporting Documents

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

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

## Contacts

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

Telephone: 778-328-8700  
Toll Free (within BC): 1-866-660-6011  
Website: [www.itabc.ca](http://www.itabc.ca)

Fax: 778-328-8701  
Email: [customerservice@itabc.ca](mailto:customerservice@itabc.ca)

## Revision History

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

Program Standards Approved: March 2002  
Updated: January 2006  
January 2012  
July 2013  
March 2021

Program Profiles are updated regularly. Visit [www.itabc.ca](http://www.itabc.ca) for the most current version.