

MOTORCYCLE MECHANIC

Credential Issued:

ITA Certificate of Qualification (Motorcycle Mechanic)
Inter-Provincial Red Seal Endorsement (Motorcycle Mechanic)
(Persons completing a formal apprenticeship also receive a Certificate of Apprenticeship)

Occupational Description:

“Motorcycle Mechanic” means a person who diagnoses, repairs, overhauls and replaces mechanical and electrical parts of motorcycles, and all terrain vehicles (ATV’s)

Program Duration & Structure:

The program will be delivered in a variety of formats combining in-school and work-based training, all designed to meet the competency standards and profile defined by the industry, and will generally take 4 years to complete. The program includes:

- In-school: 10 weeks* (approximately 5 weeks per level)
- Work-based: 6,100 hours

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

Program Completion Requirements:

Completion of 6,100 workplace hours:

- Sponsor attestation

Completion of technical training:

- Level 1 - practical assessments and written level examination
- Level 2 - practical assessments and written level examination

Inter-Provincial Red Seal Examination

Program Challenge Requirements:

- 9,150 documented hours of directly related work experience required to challenge Inter-Provincial Red Seal examination.

Program Pre-requisites:

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

Assessment Methods:

- In-school assessments (practical and written exams)
- Work-based assessments (practical)
- Final Assessment (Inter-Provincial Red Seal written examination)

Linkages to Other Credentials:***Cross Program Credit***

- Holders of a BC Certificate of Qualification in Automotive Service Technician may be eligible to receive practical experience credit and technical training credit.

Prior Learning Assessment:

n/a

Program Standards Documentation:

- National Occupational Analysis (2006) www.red-seal.ca
- Program Outline

Industry Program Standards Mechanism:Automotive Standards Training Organization (ATSO) info@autoapprentice.com**Program Providers:**

Institution-based component of the program is delivered by public post-secondary institutions (see www.educationplanner.bc.ca/apprenticeship.cfm for a list of schools), private training institutions, and secondary schools that have been approved by ITA.

Technical Training Content:***Level 1***

Describe Engine Operation and Design
Describe Gasket, Seal and BRG Const. and Service
Describe Lub Cooling and Exhaust System Dis-assembly, Inspection and Re-assembly of Engine
2 and 4-Cycle Top-end Service and Re-build
Perform Final Drive Service

Level 2

Perform Basic Electrical Operations
Perform Battery Service
Perform Electrical System Service
Perform Fuel System Service

IP Examination Competencies: NOA 2006

1. Occupational Skills 6%
2. Chassis and Suspension 10%
3. Wheels and Tires 8%
4. Brakes 10%
5. Engines 15%
6. Power Transfer 12%
7. Electrical Systems 15%
8. Vehicle Management Systems 11%
9. Fuel and Exhaust Systems 13%

Approved: March 2002 (ITAC)

Updated: January 2006 (ITA)