



Motorcycle Mechanic

SCHOOL OF TRANSPORTATION

Overview

Learn the assembly, pre-delivery, inspection, maintenance, repair and restoration of motorcycles and other multi-wheeled, lightweight, all-terrain vehicles.

If you take pride in precise work, love motorcycling and like mechanical problem-solving, you will enjoy a career as a motorcycle mechanic.

As a motorcycle mechanic, your duties will include assembly, pre-delivery, inspection, maintenance, repair and restoration of motorcycles and other multi-wheeled lightweight all-terrain vehicles with astride seating and handlebar controls.

When a customer brings in motorcycles or all-terrain vehicles for preventative maintenance or repair, you will discuss complaints with customers or the service manager, diagnose problems and locate failures with the electrical system, engine, powertrain, suspension or frame.

You'll do this by inspecting the vehicle, listening to it operate and using testing equipment, dismantling, adjusting and repairing or replacing mechanical and electrical system parts and components, and performing routine maintenance such as cleaning and adjusting the carburetor, adjusting the clutch, brakes and drive chain, and replacing worn parts.

You'll know how to rebuild or replace parts and operate equipment such as valve seat cutters, chassis dynamometers, tire changers and computers.

To work in this trade, certification is required. This means that you must either be a registered apprentice working under the guidance of a certified journeyman or be a certified journeyman yourself.

Traits, skills and aptitudes

Motorcycle mechanics are skilled tradespeople who are self-motivated and enjoy working in a shop environment.

This line of work is most fulfilling for those who enjoy working with their hands and finding creative solutions to problems.

To thrive in this career, it is important to have the following traits:

- mechanical aptitude
- customer relations skills
- interest and pride in their work
- the strength, stamina, and ability to use proper lifting techniques to lift items weighing more than 25 kilograms
- a willingness to work long hours
- the ability and willingness to continuously upgrade their knowledge and skills.

Credentials

Upon successfully completing the required working hours and apprenticeship education periods, graduates will be awarded a diploma in addition to journeyman status by Alberta's Apprenticeship and Industry Training.

This is a Red Seal Endorsed trade — a recognizable standard that allows tradespeople to work across Canada.

Admission requirements

To enter an apprenticeship, you must have the educational qualifications required or recommended education for the trade to which you apply.

Entrance requirements are monitored and set by Alberta Apprenticeship and Industry Training.

Minimum requirements

Successful completion of the following courses:

- English 20-2
- Math 20-3
- Science 10

OR

A pass mark in all five Canadian General Educational Development (GED) tests

OR

Alberta Apprenticeship and Industry Training Entrance Exam

Recommended requirements

Apprentices with an Alberta High School Diploma that includes the following courses:

- English 30-2
- Math 30-3
- Physics 30 OR Chemistry 30 OR Science 30
- Related career and technology studies (CTS) courses

Costs

2024/25 tuition and fees

The following costs are effective as of July 1, 2024.

Period	Number of weeks	Tuition fees	Additional fees	Total
1	8	\$1,152	\$329	\$1,481
2	8	\$1,152	\$329	\$1,481
3	6	\$864	\$311	\$1,175
4	6	\$864	\$311	\$1,175
Total cost:				\$5,312

The estimated total cost of 2024/25 tuition and fees in each period of technical training.

Books and Supplies

Books or modules, along with other items for classes, are approximately \$600 per period.

It's recommended you don't purchase books or modules ahead of time as they might be outdated by the time you attend classes, and they cannot be returned to the Bookstore.

Personal protective equipment (PPE) will be required for the program, which may be an additional cost to apprentices.

2023/24 tuition and fees

The following costs are effective until June 30, 2024.

Period	Number of weeks	Tuition fees	Additional fees	Total
1	8	\$1,056	\$319	\$1,375
2	8	\$1,056	\$319	\$1,375
3	6	\$792	\$301	\$1,093
4	6	\$792	\$301	\$1,093
Total cost:				\$4,936

The estimated total cost of 2023/24 tuition and fees in each period of technical training.