

# MOTORCYCLE REPAIR MECHANICS



**Pathway: Advanced Transportation & Manufacturing**  
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Award Title	Award Type	Grad. Plan	Required Course Units	Major Elective Units	Total Major Units
Motorcycle Repair Mechanics: Adjunct	C		16	7	23
For additional related degrees and certificates, refer to programs under Automotive Collision Repair, Automotive Technology, Diesel and Related Technologies, Hybrid & Electric Technology and Rail Vehicle Maintenance.					

## PROGRAM OVERVIEW

The Certificate of Achievement in Motorcycle Repair is designed for both new students as well as industry professionals who want to upgrade their skills and show validation of technology training.

Courses leading to the Certificate are offered during evenings and on weekends. Upon completion of the program, students will have the skills necessary to maintain, repair, and diagnose electrical and fuel induction systems, and will be proficient in tune-up overhaul procedures and basic shop practices.

## PROGRAM LEARNING OUTCOMES (PLOs)

Upon completion of the Certificate program, students are able to:

1. Diagnose and repair various models of motorcycles according to industry standards.
2. Demonstrate shop safety practices when performing vehicle repairs in accordance with industry standards.

## MOTORCYCLE REPAIR MECHANICS: ADJUNCT

### Certificate of Achievement Major Units: 23

A Certificate of Achievement in Motorcycle Repair Mechanics: Adjunct may be earned by completing 16 units of Required Courses and 7 units of Major Electives with a "C" or better in each course.

## REQUIRED COURSES

		UNITS
MCYCMEK 210	Motorcycle Fuel Induction and Pollution Control	4
MCYCMEK 212	Motorcycle Tune-up and Chassis Maintenance	4
MCYCMEK 214	Motorcycle Electrical Principles and Repair	4
MCYCMEK 216	Motorcycle Engine Overhaul and Diagnosis	4

## MAJOR ELECTIVES

Select at least 7 units from the courses below		UNITS
AUTORTK 122	Electrical/Electronic Systems Theory, Inspection & Repair	3
AUTORTK 123	Fuel & Emissions Systems Theory, Inspection & Repair	3
AUTORTK 135	Computer Control and Fuel Injection	3

NOTE: Students are required to provide basic hand tools, Transportation Technology uniform and personal safety equipment.

## USEFUL LATTC LINKS:

**College Catalog:** <http://college.lattc.edu/catalog/>  
**Financial Aid Office:** <http://college.lattc.edu/financialaid/>  
**Counseling Department:** <http://college.lattc.edu/counseling/>  
**General Education Information:** <http://college.lattc.edu/catalog>  
**Advanced Transportation & Manufacturing Pathway:**  
<http://pathways.lattc.edu/atm>

You can register in these classes by logging on to the Student Information System at <http://college.lattc.edu/student/new-students/register-now/>

*For additional information consult a LATTC college counselor.*