



**Motorcycle Mechanics Credential:
Certificate in Motorcycle Mechanics
C60260**

This curriculum provides a training program for developing the basic knowledge and skills needed to inspect, diagnose, repair and/or adjust motorcycles, and all terrain vehicles (ATV). Course work, including a thorough understanding of the operating principles involved in modern motorcycles, will be presented in class assignments, discussion, demonstration and shop practice.

Program Length: 2 semesters
 Career Pathway Options: Diploma in Motorcycle Mechanics (Higher entrance standards required); Certificate in Motorcycle Mechanics
 Program Sites: Lee Campus - Evening Program

Course Requirements for Motorcycle Mechanics Certificate

A. Required Major Courses (12 SHC)		C-L-SHC
MCM 101	Introduction to Motorcycle Mechanics	3-8-7
MCM 102	Motorcycle Engines	2-9-5

Total Semester Hours Credit required for graduation: 12

Semester Curriculum for Motorcycle Mechanics Certificate

1st Semester (Fall)		C-L-SHC
MCM 101	Introduction to Motorcycle Mechanics	3-8-7

2nd Semester (Spring)		
MCM 102	Motorcycle Engines	2-9-5

Total Semester Hours Credit: 12

COURSE DESCRIPTIONS

MCM 101 Introduction to Motorcycle Mech 3-8-7

This course covers the proper nomenclature of parts and components of motorcycles, ATVs, and personal watercraft. Topics include theory of operation, differences of operation, preventive maintenance, and operating principles involved in servicing and repairing motorcycles, ATVs, and personal watercraft. Upon completion, students should be able to perform basic inspection, diagnosis, repair, and/or adjustment of motorcycles, ATVs, and personal watercraft. This is a diploma-level course.

MCM 102 Motorcycle Engines 2-9-5

This course covers the construction and operation of components in internal combustion engines used in modern motorcycles. Topics include two- and four-cycle engines, power trains, and final drive systems. Upon completion, students should be able to disassemble, inspect, measure, reassemble, and operationally test two- and four-cycle motorcycle engines. This is a diploma-level course.