

# GUIDED PATHWAY: MOTORCYCLE TECHNOLOGY CERTIFICATE

MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH



For more information, visit the [Dallas College Engine Technology webpage](http://www.dcccd.edu/Engine) [www.dcccd.edu/Engine] and your academic advisor at the Cedar Valley Campus.

This is an example course sequence for students interested in pursuing the Engine Technology – Motorcycle Technology Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a certificate in Motorcycle Technology. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

The certificate program in Engine Technology – Motorcycle Technology is designed to train students to meet entry level requirements in the field of motorcycle mechanics. This will include diagnosis, repair, and maintenance of foreign and domestic motorcycles. Included in this program is the study of fuel, ignition, and electrical systems, engine overhaul and tune-up, and motorcycle chassis. Throughout the entire program an emphasis is placed on the latest factory recommended techniques. Courses that complete the certificate are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites.

|                     |                                          |                                                                                |
|---------------------|------------------------------------------|--------------------------------------------------------------------------------|
| Catalog Year        | 2021-2022                                | You may use this pathway if you entered Dallas College on or before this date. |
| Degree Type         | Level I Certificate                      |                                                                                |
| GPA Requirement     | Student must earn a GPA of 2.0 or higher |                                                                                |
| <a href="#">TSI</a> | May be Exempt                            |                                                                                |

## SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

### CERTIFICATE MINIMUM: 27 SEMESTER CREDIT HOURS

#### SEMESTER 1

Total Hours: 12

[MTRC 1405](#) – Motorcycle Service Principles

[MTRC 1402](#) – Motorcycle Tune-up

[MTRC 1420](#) – Motorcycle Drive Systems

#### SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.

#### SEMESTER 2

Total Hours: 12

[MTRC 1419](#) – Motorcycle Four Stroke Engine/Transmission

[MTRC 1422](#) – Motorcycle Electrical Systems

[MTRC 1408](#) – Motorcycle Chassis and Drive Systems

#### SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to request an official program of study audit and confirm or update your academic and career path and program of study.
2. Meet with a faculty or career advisor regarding placement for the Cooperative course, if needed.
3. Meet with a career advisor or coach for assistance in preparing for job search.

**CHOOSE ONE OPTION:** [MTRC 1380](#) – Cooperative Education-Motorcycle Maintenance and Repair Technology/Technician **OR**  
[MTRC 1191](#) – Special Topics in Motorcycle Mechanics and Repairer **AND**  
[MTRC 1266](#) – Practicum (Field Experience)-Motorcycle Maintenance and Repair Technology/Technician

**SEMESTER 3 ACTION ITEMS**

1. After reviewing your degree plan and program of study, meet with your advisor to apply for the Motorcycle Technology Certificate.

**PATHWAY TOTAL: 27 SEMESTER CREDIT HOURS**