

**INDUSTRY, MANUFACTURING, AND CONSTRUCTION**

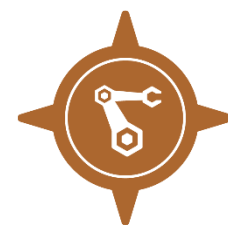
**GUIDED PATHWAY: ENGINE TECHNOLOGY – MOTORCYCLE TECHNOLOGY CERTIFICATE**

For more information, visit [www.dcccd.edu/engine](http://www.dcccd.edu/engine) and your academic advisor at your college.

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 Engine Technology – Motorcycle Technology <sup>ii</sup>. Gainful employment information for this certificate can be found at [https://www1.dcccd.edu/catalog/programs/degree\\_gei.cfm?a=223](https://www1.dcccd.edu/catalog/programs/degree_gei.cfm?a=223). For official certificate requirements, [click here](#).

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 (C) are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.



ONLY Offered at CVC

**SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS <sup>iii</sup>**

ALL PLANS CAN BE MODIFIED TO FIT THE NEEDS OF PART-TIME STUDENTS

C	SEMESTER 1	ACTION ITEMS
♦	<b>MTRC 1405</b> – Motorcycle Service Principles	<input type="checkbox"/> Meet with your advisor to confirm academic and career goals before the end of the semester. <input type="checkbox"/> Meet with a career advisor or coach to research your career options and opportunities for job shadowing.
♦	<b>MTRC 1402</b> – Motorcycle Tune-up	
♦	<b>MTRC 1420</b> – Motorcycle Drive Systems	
<b>TOTAL SEMESTER CREDIT HOURS: 12</b>		
C	SEMESTER 2	ACTION ITEMS
♦	<b>MTRC 1419</b> – Motorcycle Four Stroke Engine/Transmission	<input type="checkbox"/> Meet with your advisor to request an official program of study audit, confirm or update your academic and career path and program of study <input type="checkbox"/> Meet with a faculty or career advisor regarding placement for the Cooperative course, if needed. <input type="checkbox"/> Meet with a career advisor or coach for assistance in preparing for job search.
♦	<b>MTRC 1422</b> – Motorcycle Electrical Systems	
♦	<b>MTRC 1408</b> – Motorcycle Chassis and Drive Systems	
<b>TOTAL SEMESTER CREDIT HOURS: 12</b>		
C	SEMESTER 3	ACTION ITEMS
♦	<b>MTRC 1380</b> – Cooperative Education-Motorcycle Maintenance and Repair Technology/Technician <b>OR</b> <b>MTRC 1191</b> – Special Topics in Motorcycle Mechanics and Repairer <b>AND</b> <b>MTRC 1266</b> – Practicum (Field Experience)-Motorcycle Maintenance and Repair Technology/Technician	<input type="checkbox"/> After reviewing your degree plan and program of study, apply for graduation. <input type="checkbox"/> Meet with your advisor to apply for the Motorcycle Technology Certificate.
<b>TOTAL SEMESTER CREDIT HOURS: 3</b>		
<b>CERTIFICATE: 27 SEMESTER CREDIT HOURS   PATHWAY TOTAL: 27 SEMESTER CREDIT HOURS</b>		

<sup>i</sup> Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.

<sup>ii</sup> Students must earn at least 25% of the credit hours required for graduation through instruction by one of the seven DCCCD colleges awarding the certificate.

<sup>iii</sup> This is not an official degree plan. For official certificate requirements, [click here](#).

THIS PATHWAY WAS LAST UPDATED ON AUGUST 5, 2019