

INDUSTRY, MANUFACTURING, AND CONSTRUCTION

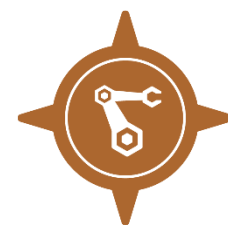
GUIDED PATHWAY: Automotive Technology/Diesel and Heavy Equipment Preventative Maintenance Technician Certificate

For more information, visit dccc.edu/Diesel and your academic advisor at your college.

This is an example course sequence for students interested in pursuing the Diesel and Heavy Equipment Preventative Maintenance Technician Level I Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn the Automotive Technology – Diesel and Heavy Equipment Preventative Maintenance Technician Certificate ⁱⁱ. Gainful employment information for this certificate can be found at https://www1.dccc.edu/catalog/programs/degree_gei.cfm?a=257. For official certificate requirements, [click here](#).

Get hands-on training to service and repair diesel vehicles in our Automotive Technology-Diesel and Heavy Equipment program. Learn maintenance, systems inspection and operations to work as an entry-level diesel technician. You can also add this specialty to other Automotive Technology training for well-rounded skills. Courses that complete the Certificate (DHE) 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 ⁱⁱⁱ

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

DHE	SEMESTER 1	ACTION ITEMS
♦	DEMR 1301 – Shop Safety and Procedures	<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.
♦	DEMR 1305 – Basic Electrical Systems	
♦	DEMR 1317 – Basic Brake Systems	
♦	DEMR 1330 – Steering and Suspension I	

TOTAL SEMESTER CREDIT HOURS: 12

DHE	SEMESTER 2	ACTION ITEMS
♦	DEMR 1306 – Diesel Engine I	<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.
♦	DEMR 1327 – Tractor Trailer Service and Repair	
♦	DEMR 1321 – Power Train I	
♦	DEMR 2331 – Advanced Brake Systems	

TOTAL SEMESTER CREDIT HOURS: 12

DHE	SEMESTER 3	ACTION ITEMS
♦	DEMR 1323 – Heating, Ventilation and Air Conditioning (HVAC) Troubleshooting and Repair	<input type="checkbox"/> Meet with a career advisor or coach for assistance in preparing for job search. <input type="checkbox"/> After reviewing your degree plan and program of study, apply for graduation for the Automotive Technology/Diesel and Heavy Equipment Preventative Maintenance Technician Certificate.
♦	DEMR 1380 – Cooperative Education- Diesel Mechanics Technology Technician	

TOTAL SEMESTER CREDIT HOURS: 6

CERTIFICATE PATHWAY TOTAL: 30 SEMESTER CREDIT HOURS

ⁱ 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.

ⁱⁱ 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.

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