

GUIDED PATHWAY: ENGINE REPAIR AND PERFORMANCE TECHNICIAN

MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH



For more information, visit the [Dallas College Automotive Technology webpage](http://www.dcccd.edu/AutoTech) [www.dcccd.edu/AutoTech] and your academic advisor at your campus.

This is an example course sequence for students interested in pursuing the Automotive Technology – Engine Repair and Performance Technician Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn the Automotive Technology – Engine Repair and Performance Technician Level I Certificate. Courses from this certificate may apply to the related A.A.S. degree. 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 Engine Repair and Performance Service Technician program in Automotive Technology provides the skills you need to jump-start your automotive career. The certificate will prepare students for entry-level technician position diagnosing and repairing Engine problems. Courses that complete Engine Repair and Performance Technician Certificate 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.

Catalog Year	2020-2021	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	
TSI	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: 20 SEMESTER CREDIT HOURS

SEMESTER 1

Total Hours: 9

[AUMT 1305](#) – Introduction to Automotive Technology

[AUMT 1319](#) – Automotive Engine Repair

[AUMT 1307](#) – Automotive Electrical Systems

SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm your academic/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.
3. Meet with a faculty or career advisor regarding placement for the Cooperative course.

SEMESTER 2

Total Hours: 11-12

[AUMT 2321](#) – Automotive Electrical Diagnosis and Repair

[AUMT 2317](#) – Automotive Engine Performance Analysis I

[AUMT 2334](#) – Automotive Engine Performance Analysis II

CHOOSE ONE: [AUMT 1281](#) – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician

[AUMT 1381](#) – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician

[AUMT 2281](#) – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician **OR**

[AUMT 2381](#) – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician

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 career advisor or coach for assistance in preparing for job search.
3. Meet with your advisor to apply for the Automotive Technology – Engine Repair and Performance Technician Certificate.

PATHWAY TOTAL: 20-21 SEMESTER CREDIT HOURS