

INDUSTRY, MANUFACTURING, AND CONSTRUCTION

GUIDED PATHWAY: AUTOMOTIVE TECHNOLOGY – ELECTRONICS AND CLIMATE CONTROLS TECHNICIAN

For more information, visit dcccd.edu/autotech and your academic advisor at your college.

This is an example course sequence for students interested in pursuing the Automotive Technology – Electronics and Climate Controls Technician certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn the Automotive Technology – Electronics and Climate Controls Technician Level I Certificate ⁱⁱ. Courses from this certificate may apply to the related AAS degree. Gainful employment information for this certificate can be found at https://www1.dcccd.edu/catalog/programs/degree_gei.cfm?a=156. For official certificate requirements, [click here](#).

Courses that complete the Automotive Technology - Electronics and Climate Controls Technician Certificate (EC) 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.



Offered **ONLY** at
BHC, CVC and EFC

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS ⁱⁱⁱ
ALL PLANS CAN BE MODIFIED TO FIT THE NEEDS OF PART-TIME STUDENTS

EC	SEMESTER 1	ACTION ITEMS
♦	AUMT 1305 – Introduction to Automotive Technology	<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. <input type="checkbox"/> Meet with a faculty or career advisor regarding placement for the Cooperative course.
♦	AUMT 1307 – Automotive Electrical Systems	
♦	AUMT 2321 – Automotive Electrical Diagnosis and Repair	
TOTAL SEMESTER CREDIT HOURS: 9		
EC	SEMESTER 2	ACTION ITEMS
♦	AUMT 1345 – Automotive Climate Control Systems	<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 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. <input type="checkbox"/> Meet with your advisor to apply for the Automotive Technology – Electronics and Climate Controls Technician Certificate.
♦	AUMT 1381 – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician OR AUMT 2381 – Cooperative Education-Automobile/Automotive Mechanics Technology/Technician	
TOTAL SEMESTER CREDIT HOURS: 6		
CERTIFICATE MINIMUM: 15 SEMESTER CREDIT HOURS PATHWAY TOTAL: 15 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](#).

THIS PATHWAY WAS LAST UPDATED ON AUGUST 5, 2019