

AUTOMOTIVE TECHNOLOGY: ELECTRIC, HYBRID, AND AUTONOMOUS VEHICLES, C.S.C.

Location(s): AL, MA

NOVA Code: 221-909-46

Purpose

The purpose of this certificate is to enhance a student's employment options to include electric, hybrid, and autonomous (ADAS) vehicle technology repair facilities.

Program Prerequisites

Completion of the Maintenance and Light Repair Career Studies

Certificate or demonstrate knowledge through field experience in the areas of shop safety, brakes, suspension and steering, basic engine operation, cooling systems, and 12V electrical systems including battery, starting, and charging systems.

One Year

Course	Title	Credits
1st Semester		
AUT 242	Automotive Electricity II	4
SDV 100	College Success Skills	1
Credits		5
2nd Semester		
AUT 233	Hybrid Electric Vehicle Technology	4
AUT 236	Automotive Climate Control	4
AUT 245	Automotive Electronics	4
Credits		12
Total Credits		17