

Automotive Technology

Instructor: Garrett Becenti

Location: Gurley Hall 1311 – morning session

Career Cluster: Transportation, Distribution, and Logistics

Program Overview:

The CCTE Automotive Technology Program's goal is to train students as entry level technicians in one or all of the NATEF approved areas. The four areas are: Engine Performance, Electrical Systems, Brake Systems, and Steering and Suspension. The program accepts any student who meets his/her sending high school requirements for enrollment within the CCTE. Students are taught entry-level skills, with an emphasis on safety. They will be instructed on automotive theory, diagnosis and repair, hand-held computer scanner, vehicle onboard computer interfacing, and diagnosis. Students will learn customer service skills, computer-based four-wheel alignment, and automotive engine performance testing.

Academic Readiness:

- The student must possess the ability to complete basic mathematical computations.
- It is desired that the student be able to read at the 10th grade level.
- It is desired that the student possesses basic computer keyboard operation knowledge and skills.

Considerations:

- The student must be able to comprehend and complete tasks related to safety and demonstrate the ability to follow instructions in a shop/lab environment. The student must pass four required safety exams at 100% mastery level. No time limit or minimum number of attempts is imposed. The emphasis is on understanding and carrying out safety procedures.
- The student must purchase industry type hard leather work shoes or boots. The CCTE Program will provide shirts or coveralls and one pair of protective eyewear.
- Students have the opportunity to earn OSHA 10 Certification.

Anticipated Course Offerings:

- Fall semester
 - AUTT 101 - Introduction to Automotive Technology
 - AUTT 115 - Brake Systems
- Spring semester
 - AUTT 157 - Steering & Suspension
 - AUTT 167 - Emissions Control Service

UNMG Programs of Study

- Certificate in Automotive Technology
- Associate of Applied Science in Automotive Technology