



## HIGH SCHOOL DCAPS

## Automotive Service Technology

### About Automotive Service Technology

The Automotive Service Technology, Secondary program prepares students for transition into the postsecondary environment. The program offers introductory courses in four out of the eight major areas as defined by the National Automotive technicians Education Foundation, NATEF. These areas include Electrical/Electronic Systems, Engine Performance, Brakes, and Suspension & Steering. Graduates of the program will possess foundational knowledge and skills that can be built upon at the college level. Graduates of the program that receive a “B” or better in all courses and attain 180 hours of automotive related work experience will be awarded a Certificate of Mastery in Automotive Service Technology. Graduates that receive a “C” or better in all courses will receive a Certificate of Completion.

### [REQUIREMENTS FOR HIGH SCHOOL DCAPS](#)

All students who enroll in GCC CTE programs offered at Guam's public high schools must do so through the GCC Career Counselor assigned to their respective high school. The Career Counselor can help you decide if enrollment in the CTE Automotive program is the most appropriate way for you to fulfill GDOE elective requirements and prepare for college and/or the workforce. The Career Counselor can also help you draft an educational plan that may allow you to graduate from high school with GCC postsecondary program credits, giving you a head start on your postsecondary associate degree or certificate.

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### [Student Learning Outcomes](#)

Upon successful completion of this program, students will be able to:

1. Describe the function of an electrical circuit and perform basic electricity troubleshooting procedures and repairs.
2. Identify the components of an internal combustion engine, explain basic functionality, and perform elemental repairs on the fuel and ignition systems.
3. Perform preventive maintenance service on the hydraulic, disc, and drum brake systems.
4. Align wheels using a computerized wheel aligner and perform repairs required of a tire repair shop technician.

