



HIGH SCHOOL DCAPS

## Electronics

### About Electronics

Technology has changed the ways business operates. With the emphasis in electronics, PC systems and networking, this program can provide the necessary training to meet the demands of industry. With courses such as Electricity I & II, IT essentials I & II, and Computer Networking I & II, the certificate for the electronics-computer networking program will lead students into the next millennium. This program will prepare individuals to be knowledgeable technicians and provide a solid foundation in the electronics and IT fields. This program will be articulated into GCC's Computer Networking associate program and System Technology certificate program.

### [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 Electronics 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. Value networking skills in the community.
2. Install, configure, and troubleshoot a router.
3. Distinguish between dynamic and static routing protocols, and distance vector and link-state algorithm.
4. Install, maintain, and troubleshoot a computer.
5. Measure AC/DC voltage using a multimeter and oscilloscope.

