

Mechatronics Engineering Technology

The Mechatronics Engineering Technology curriculum prepares individuals for employment as technicians in engineering fields requiring electrical, mechanical, and computer skills. Mechatronics Engineering technicians assist in troubleshooting, complex engineering repairs, testing, prototype builds, process and design improvements, in manufacturing and automated supply chain systems and processes. Emphasis is placed on the integration of theory and hands-on application of engineering principles.

In addition to coursework in engineering fundamentals, basic manufacturing, electrical electronics , computers, mathematics, and physics. Students develop critical thinking, planning, problem-solving, oral and written communications.

Graduates of the curriculum will find employment opportunities in industrial automated systems maintenance and equipment manufacturing including assembly, testing, start-up, troubleshooting, repair, upgrades of machinery and the associated control system. Graduates also find employment in automated Supply Chain facilities. Graduates are eligible to sit for various exams for nationally recognized PMMI Mechatronics Certifications. Also Siemens Mechatronics Level 1, Siemens Mechatronics Level 2.

For more details about Central Piedmont Mechatronics visit the Mechatronics Engineering Technology website.

For specific information about potential positions and wages in mechatronics engineering technology employment, visit the Central Piedmont Career Coach website.