



CENTRAL PIEDMONT COMMUNITY COLLEGE

MECHTRONICS ELECTRONIC TECHNOLOGY (C40350-C5)

This curriculum is designed to prepare individuals for jobs requiring electrical, mechanical, and computer skills needed to work on complex systems found in manufacturing environments. Graduates may be qualified for engineering technician, industrial maintenance, and manufacturing jobs, including assembly, upgrade, testing, start-up, and troubleshooting of machines, controls, and automated systems.

COURSE CODE	COURSE NAME	CREDIT HOURS
MAT 121*	Algebra/Trigonometry	3
EGR-125	Appl Software for Tech	2
ISC-112	Industrial Safety	2
ELC-131	Circuit Analysis I	4
ELC- 130	Advanced Motors/Controls	3
	TOTAL HOURS	14

Eligibility Requirements

To be eligible for enrollment, a high school student must meet the following criteria:

- Be a high school junior or senior;
- Have a weighted GPA of 3.0 on high school courses or have the recommendation of the high school principal or his/her designee; and
- *Meet the testing requirements for the career pathway (if applicable).

