



Career and College Promise

Electrical Engineering Technology Pathway (C40180-C5)

This pathway provides training for entry-level technicians desiring a career in electrical maintenance and management, design, planning, construction, development and installation of electrical systems, machines, automation and power generating equipment. The coursework progressively introduces electronics, circuit simulation using Electronics Workbench, AutoCAD, and Visual Basic Programming.

Pathway: Electrical Engineering Technology Pathway

Course Code	Course Name	Credit Hours
ELN-133	Digital Electronics	4.0
MAT-121*	Algebra/Trigonometry	3.0
ELC-131*	Circuit Analysis I (pre-req/co-req of MAT 121)	4.0
ELN-131	Analog Electronics (pre-req ELC 131)	4.0
	Total Credit Hours	15.0

Eligibility Requirements

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

- a. Be a high school junior or senior;
- b. 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
- c. Meet the testing requirements for the career pathway. This pathway requires test scores for Math for the classes above marked with an *. You can locate those minimum scores at:

<http://www.cpcc.edu/hsprograms/criteria/college-readiness-test-scores>