

ELECTRONIC ENGINEERING TECH (EGET)

EGET 270 Applied Electricity 4 Credit Hours (3,2)

This course covers basic principles of DC and AC electricity. Topics include resistance, inductance, capacitance, series and parallel circuits, magnetic circuits, transformers and electrical motors. Laboratory exercises will reinforce the lecture material.

Prerequisite(s): MATH111 and MATH131, each with a C or better

EGET 275 Applied Electronics 4 Credit Hours (3,2)

An introduction to the operation of basic electronic devices including diodes, transistors, and operational amplifiers. Topics include: power supplies, amplifiers, frequency response, and filter circuits. Laboratory exercises will reinforce the lecture material and introduce computer circuit analysis.

Prerequisite(s): EGET270