

ELECTRICAL CONTROLS TECHNOLOGY CERTIFICATE IN APPLIED SCIENCE

Overview

Federal financial aid is not available for this program pending approval from the U.S. Department of Education. South Carolina residents may receive Lottery funds.

Program Description:

The Electrician Controls Technology certificate program will train students in the basics of electricity and controls to be used in a manufacturing environment.

Mission Statement:

The Electronics Engineering Technology program will equip graduates to use their training and education to provide engineering and technological support to local industry and manufacturing while encouraging them to stay at the cutting edge of changing technologies through continued life-long learning.

Entrance Requirements:

Acceptable placement test scores and Placement into MAT 105 and ENG 100 will be required to enter the program.

Type of Program:

Day or evening

Requirements for Completion:

Requires a minimum grade of "C" in all courses with the exception of General Education Courses.

Program Accreditation:

Employment Opportunities:

Manufacturing,

Visit our department web page at https://www.gvltec.edu/academics_learning/manufacturing-engineering/electronics_engineering/index.html (https://www.gvltec.edu/academics_learning/manufacturing-engineering/electronics_engineering/)

Recommended Program Schedule

Listed below is the ideal grouping of courses in order by semester. This plan assumes a full-time schedule. Note, however, that many variables can affect this plan, and not every course is offered every semester. Please see your advisor to map out your own personalized progression toward graduation.

Note: Please contact your advisor for recommended evening schedules.

Course	Title	Hours
First Semester		
EET 111	DC Circuits	4
Total Semester Hours		4

Second Semester

EET 145	Digital Circuits	4
EET 112	AC Circuits	4
Total Semester Hours		8

Third Semester

EET 227	Electrical Machinery	3
Total Semester Hours		3

Fourth Semester

EET 233	Control Systems	4
Total Semester Hours		4

Fifth Semester

EET 235	Programmable Controllers	3
Total Semester Hours		3
Total Required Credit Hours		22