Instructional Programs

Electrical Engineering Technology

Certificate

30 Credit Hours

Purpose

The Electrical Engineering Technology Certificate Program has the mission to provide an academic and technical education with sequential/ practical instruction for the development of the student as a mature, responsible electrical technician. The curriculum incorporates basic core courses in electricity, electronics, and electrical machinery to prepare the student for entry-level concepts and jobs.

The full Electrical Engineering Technology Certificate Program is available on the Logan Campus. The Boone/Lincoln, Williamson, and Wyoming/McDowell campuses offer the general education/program support courses only.

First Semester	Title	Credit Hours
EG 103	Electrical Calculations	3
EG 105 (E)	Industrial Safety	1
EG 107 (E)	Introduction to Circuits	4
EN 101 or EN 101A	~English Composition I	3
MT 124	Technical Math	3
OR 105 (E)	Orientation to Technical Programs	1
		15
Second Semester	**Title**	**Credit Hours**
EG 123 (E)	Electrical Schematics	3
EG 171	Circuit Analysis I	4
EG 172	Circuit Analysis II	4
PH 200	~Conceptual Physics	4
		15

~ Designates courses on the statewide Core Coursework Transfer Agreement.

This degree program provides students the opportunity to receive credit for their high school EDGE courses (http://careertech.k12.wv.us/ edge/edgeCollege.html) as designated by the (E) within the program sequence.

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