

Electrical Engineering Technology Program

Associate of Applied Science Degree

60 Credit Hours

Purpose:

The Electrical Engineering Technology 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 and advanced courses in electricity, electronics, and electrical machinery. In addition, students must take technical specialization electives in fields that are of particular interest to them.

Support Courses:

CS 102	Computer Literacy	3 Credit Hours
EN 101 or EN 101A	English Composition I	3 Credit Hours
MT 124 or MT 124A	Technical Math	3 Credit Hours
MT 125 or MT 130	Trigonometry or College Algebra	3 Credit Hours
OR 105	Orientation to Technical Programs	1 Credit Hour
PH 200 or higher	Introductory Physics	4 Credit Hours
SP 103	Speech Fundamentals	3 Credit Hours
Restricted Elective	Social Science elective	3 Credit Hours

Major Courses:

EG 103	Electrical Calculations	3 Credit Hours
EG 105	Industrial Safety	1 Credit Hour
EG 107	Introduction to Circuits	4 Credit Hours
EG 123	Electrical Schematics	3 Credit Hours
EG 171	Circuit Analysis I	4 Credit Hours
EG 172	Circuit Analysis II	4 Credit Hours
EG 297	National Electric Code	1 Credit Hour
EG 298	Capstone	1 Credit Hour
Restricted Electives	Specialization Courses	16 Total Credit Hours

For more information, please contact:

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