



CAREER ENHANCEMENT CERTIFICATE
ELECTRICAL/ELECTRONIC ENGINEERING
TECHNOLOGY – INDUSTRIAL CONTROLS

The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.

1920 Catalog

Effective Summer 2019

4409

Engineering Technologies Division

Engineering Technology Department

| Course Number | Course Title | Credits | Pre- and Co-Requisites | Completed Sem./Year |
|---------------------------|---------------------------------|-----------|--|---------------------|
| EET120 | DC Circuit Analysis | 4 | Pre-Co-MTH125 or Pre-Co-MTH135 | |
| EET122 | AC Circuit Analysis | 4 | (Pre-Co-MTH130 or Pre-Co-MTH135) and EET120 | |
| EET126 | Electrical Machines | 4 | Pre-Co-EET122 | |
| EET227 | PLCs and Industrial Controls I | 3 | EET120 or EST230 | |
| EET228 | PLCs and Industrial Controls II | 3 | EET227 | |
| TOTAL CREDIT HOURS | | 18 | | |

STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

| <u>First Semester</u> | | <u>Credit Hours</u> | <u>Pre- and Co-requisites</u> |
|------------------------|---------------------------------|---------------------|--|
| EET120 | DC Circuit Analysis | <u>4</u> | Pre-Co-MTH125 or Pre-Co-MTH135 |
| | | 4 | |
| <u>Second Semester</u> | | | |
| EET122 | AC Circuit Analysis | 4 | (Pre-Co-MTH130 or Pre-Co-MTH135) and EET120 |
| EET126 | Electrical Machines | 4 | Pre-Co-EET122 |
| EET227 | PLCs and Industrial Controls I | <u>3</u> | EET120 or EST230 |
| | | 11 | |
| <u>Third Semester</u> | | | |
| EET228 | PLCs and Industrial Controls II | <u>3</u> | EET227 |
| | | 3 | |
| | TOTAL CREDITS | 18 | |