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|   | CAREER ENHANCEMENT CERTIFICATE ELECTRICAL/ELECTRONIC ENGINEERING TECHNOLOGY – ELECTRICAL/ELECTRONIC TROUBLESHOOTING | 2023-24 Catalog Effective Summer 2023 |
| | 4408 | |

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.

Business, Engineering, and Information Technologies Division

Engineering Technology Department

| Course Number | Course Title | Credits | Pre- and Co-Requisites | Completed Sem./Year |
|---------------------------|--|-----------|--|---------------------|
| MTH135 | Precalculus [^] – A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement. | 5 | MTH025 or Proficiency | |
| 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 | |
| EET123 | Electronic Devices and Circuits | 4 | EET120 and Pre-Co-EET122 | |
| TOTAL CREDIT HOURS | | 17 | | |

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.

First Semester

| | | <u>Credit Hours</u> | <u>Pre- and Co-requisites</u> |
|--------|--|---------------------|--|
| MTH135 | Precalculus [^] – A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement. | 5 | MTH025 or Proficiency |
| EET120 | DC Circuit Analysis | <u>4</u> | Pre-Co-MTH125 or Pre-Co-MTH135 |
| | | 9 | |

Second Semester

| | | | |
|----------------------|---------------------------------|-----------|--|
| EET122 | AC Circuit Analysis | 4 | (Pre-Co-MTH130 or Pre-Co-MTH135) and EET120 |
| EET123 | Electronic Devices and Circuits | <u>4</u> | EET120 and Pre-Co-EET122 |
| | | 8 | |
| TOTAL CREDITS | | 17 | |

[^]Based on SSC placement scores