

 	CAREER ENHANCEMENT CERTIFICATE ELECTRICAL/ELECTRONIC ENGINEERING TECHNOLOGY – INDUSTRIAL ELECTRICITY AND ELECTRONICS	2021 Catalog Effective Summer 2020
	<i>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.</i>	4410

Engineering 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	
EET232	Industrial Electronics	4	EET123	
EET128	NEC and Electrical Systems Design	2	EET122	
TOTAL CREDIT HOURS		23		

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

MTH135 Precalculus[^] – A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.

EET120 DC Circuit Analysis

Credit Hours

5

4

9

Pre- and Co-requisites

MTH025 **or** Proficiency

Pre-Co-MTH125 **or**
Pre-Co-MTH135

Second Semester

EET122 AC Circuit Analysis

EET123 Electronic Devices and Circuits

4

4

8

(Pre-Co-MTH130 or Pre-Co-MTH135) **and** EET120

EET120 **and** Pre-Co-EET122

Third Semester

EET232 Industrial Electronics

EET128 NEC and Electrical Systems Design

4

2

6

EET123

EET122

TOTAL CREDITS

23

[^]Based on SSC placement scores