

 	<b>CAREER ENHANCEMENT CERTIFICATE</b> <b>ELECTRICAL/ELECTRONIC ENGINEERING</b> <b>TECHNOLOGY – INDUSTRIAL ELECTRICITY</b> <b>AND ELECTRONICS</b>	<b>1920 Catalog</b> Effective Summer 2019
	<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>	<b>4410</b>

Engineering Technologies Division

Engineering Technology Department

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
MTH135	Precalculus <sup>^</sup> – A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.	5	(MTH093 and MTH094) 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	
<b>TOTAL CREDIT HOURS</b>		<b>23</b>		

### 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<sup>^</sup> – 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

(MTH093 and MTH094) 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**

<sup>^</sup>Based on SSC placement scores