

 	<b>CAREER ENHANCEMENT CERTIFICATE</b> <b>ELECTRICAL/ELECTRONIC ENGINEERING          TECHNOLOGY – ELECTRICAL/ELECTRONIC          TROUBLESHOOTING</b>	<b>2021 Catalog</b> Effective Summer 2020
	<b>4408</b>	

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.

*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	MTH025 <b>or</b> Proficiency	
EET120	DC Circuit Analysis	4	Pre-Co-MTH125 <b>or</b> Pre-Co-MTH135	
EET122	AC Circuit Analysis	4	(Pre-Co-MTH130 or Pre-Co-MTH135) <b>and</b> EET120	
EET123	Electronic Devices and Circuits	4	EET120 <b>and</b> Pre-Co-EET122	
<b>TOTAL CREDIT HOURS</b>		<b>17</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

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

**TOTAL CREDITS**

**17**

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