

 	<b>CAREER ENHANCEMENT CERTIFICATE</b> <b>CIVIL ENGINEERING TECHNOLOGY –</b> <b>Transportation Construction Inspection Level I</b>	<b>2024-25 Catalog</b> Effective Summer 2024
	<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>4211</b>

Business, Engineering, and Information 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 or Proficiency	
CET121	Building Materials and Construction Methods	3		
CET222	Concrete and Asphalt Testing	3	(MTH125 or MTH135) and CET121	
CET225	Sustainable Building Service Systems	3	CET121	
CET227	Surveying I	3	MTH125 or MTH135	
CET235	Construction Management, Job Cost and Safety	3	CET121 and (ITD 100 or Proficiency)	
CET237	Interpreting Construction Documents	3		
<b>TOTAL CREDIT HOURS</b>		<b>23</b>		

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

### 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>
CET121	Building Materials and Construction Methods	3	
CET237	Interpreting Construction Documents	3	
MTH135	Precalculus <sup>^</sup> – A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.	<u>5</u>	MTH025 or Proficiency
		<b>11</b>	
<u>Second Semester</u>			
CET222	Concrete and Asphalt Testing	3	(MTH125 or MTH135) and CET121
CET225	Sustainable Building Service Systems	3	CET121
CET227	Surveying I	3	MTH125 or MTH135
CET235	Construction Management, Job Cost and Safety	<u>3</u>	CET121 and (ITD100 or Proficiency)
		<b>12</b>	
<b>TOTAL CREDITS</b>		<b>23</b>	

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

*The classes in this certificate also apply toward the completion of a Civil Engineering Technology – Construction Management Major (4204).*