



**CAREER ENHANCEMENT CERTIFICATE**  
**CIVIL ENGINEERING TECHNOLOGY –**  
**Transportation Construction Inspection Level 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.*

**2023-24 Catalog**  
Effective Summer 2023

**4211**

*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> – <i>A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.</i>	5	MTH025 <b>or</b> Proficiency	
CET121	Building Materials and Construction Methods	3		
CET222	Concrete and Asphalt Testing	3	(MTH125 <b>or</b> MTH135) and CET121	
CET225	Sustainable Building Service Systems	3	CET121	
CET227	Surveying I	3	MTH125 <b>or</b> 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

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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> – <i>A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.</i>	<u>5</u>	MTH025 <b>or</b> Proficiency
<b>TOTAL CREDITS</b>	<b>11</b>	

<u>Second Semester</u>	<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
CET222      Concrete and Asphalt Testing	3	(MTH125 <b>or</b> MTH135) and CET121
CET225      Sustainable Building Service Systems	3	CET121
CET227      Surveying I	3	MTH125 <b>or</b> MTH135
CET235      Construction Management, Job Cost and Safety	<u>3</u>	CET121 and (ITD 100 or Proficiency)
<b>TOTAL CREDITS</b>	<b>12</b>	
<b>TOTAL CREDITS</b>	<b>23</b>	

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