CAREER ENHANCEMENT CERTIFICATE

CIVIL ENGINEERING TECHNOLOGY – CONSTRUCTION MATERIALS INSPECTION

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

4209

Business, Engineering, and Information Technologies Division   *Engineering Technology Department*

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
CET121	Building Materials and Construction Methods	3		
CET125	Soil Mechanics	3	(MTH125 or MTH135) **and** MET124	
CET222	Concrete and Asphalt Testing	3	(MTH125 or MTH135) **and** CET121	
MET124	Statics and Strength of Materials	4	Pre-Co-PHY121 **or** Pre-Co-PHY221	
MTH135	Precalculus^ – *A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.*	5	MTH025 **or** Proficiency	
PHY121	College Physics I with Algebra (lab)	4	MTH135 **or** (MTH125 and MTH130) **or** Proficiency	
	TOTAL CREDIT HOURS	**22**		

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		Credit Hours	Pre- and Co-requisites
CET121	Building Materials and Construction Methods	3	
MTH135	Precalculus^ – *A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.*	5	MTH025 **or** Proficiency
		8	

Second Semester			
MET124	Statics and Strength of Materials	4	Pre-Co-PHY121 **or** Pre-Co-PHY221
PHY121	College Physics I with Algebra (lab)	4	MTH135 **or** (MTH125 and MTH130) **or** Proficiency
		8	

Third Semester			
CET125	Soil Mechanics	3	(MTH125 or MTH135) **and** MET124
CET222	Concrete and Asphalt Testing	3	MTH125 or MTH135) **and** CET121
		6	
	TOTAL CREDITS	**22**	

^Based on SSC placement scores

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