

A.A.S. in CIVIL ENGINEERING TECHNOLOGY (5309) 62 Credits

Essex County College, METCS Division – Curriculum Guide

STUDENT: _____

ID#: _____

General Education Requirements (22 Crs.)		Crs.	✓
Written & Oral Communications (9 Crs.)			
ENG 101	College Composition I	3	
ENG 102	College Composition II	3	
ENG 105	Technical Writing	3	
Quantitative/Scientific Knowledge, Skills & Reasoning (10 Crs.)			
MTH 114	Unified Calculus I	3	
MTH 213	Unified Calculus II	3	
PHY 101	College Physics I	4	
Society & Human Behavior (3 Crs.)			
ANT 101, 105; ECO 101, 102; POL 101, 104; PSY 101, 102, 219; SOC 101, 108, 219 (ECO 101 recommended)	Choose One Social Science General Education Course	3	
Major Requirements (33 Crs.)			
CRT 111	Construction Methods and Materials	3	
CET 211	Surveying I	4	
CET 221	Hydraulic and Drainage	3	
CET 225	Soil Mechanics	3	
CET 231	Structures	3	
ELC 115	Electric Circuits: DC&AC	3	
ENR 100	Fundamentals of Engineering	2	
ENR 103	Engineering Graphics	2	
ENR 105	Applied Computer Aided Design	2	
ENR 110	Statics for Technology	3	
ENR 220	Mechanics of Materials	3	
CET 251	CET Seminar	2	
Additional Requirements (7 Crs.)			
CSC 106	Roadmap to Comp. Engineers	3	
PHY 102	College Physics II	4	
Total Credits Required		62	