

Course	Term	Faculty	(1) An ability to identify, formulate, and solve broadly defined technical problems by applying knowledge of mathematics and science and/or engineering to areas relevant to construction.	(2) An ability to formulate or design a system, process, procedure or program to meet desired needs.	(3) An ability to develop and conduct experiments or test hypotheses, analyze and interpret data and use construction science, environmental, and societal contexts.	(4) An ability to communicate effectively with a range of audiences.	(5) An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, societal, and environmental contexts.	(6) An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty		
CMGT 101-Introduction to Construction Management							I	I		
CMGT 142-Construction Graphics and Plans Reading			I	I						
CMGT 201-Surveying			I							
CMGT 206-Construction Materials			D		I					
CMGT 207-Construction Methods				I						
CMGT 310-Statics and Strength of Materials			M/A		D					
CMGT 320-Construction Law								D		
CMGT 325-Electrical and Mechanical Systems in Construction			D							
CMGT 340-Construction Cost Estimating					M					
CMGT 345-Building Codes and Commissioning				D			D		I	
CMGT 350-Construction Project Planning, Scheduling, and Control							M/A		D	
CMGT 360-Soil Mechanics and Building Foundations					M/A					
CMGT 410-Building Information Modeling				D						
CMGT 430-Environmental Issues and Green Building								M/A		
CMGT 440-Construction Project Management				M/A			D			
CMGT 480-Construction Safety								D		
CMGT 493-Senior Project							M	M		M/A

Evaluation of outcomes for Construction Management I=introduction, D=development, M=mastering A=assessed

2023-2024 ABET (ANSAC) Outcomes

- (1) An ability to identify, formulate, and solve broadly defined technical problems by applying knowledge of mathematics and science
- (2) An ability to formulate or design a system, process, procedure or program to meet desired needs.
- (3) An ability to develop and conduct experiments or test hypotheses, analyze and interpret data and use construction science and
- (4) An ability to communicate effectively with a range of audiences.
- (5) An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global,
- (6) An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty