

Curriculum Map

Learning Outcome	CNST 100	CNST 101	CNST 106	CNST 111	CNST 111L	CNST 201	CNST 213	CNST 214	CNST 304	CNST 306	CNST 314	CNST 318	CNST 330	CNST 351	CNST 418	CNST 420	CNST 450	CNST 480	CNST 485	ECT 369
1 Create written communications appropriate to the construction discipline.					I								P			D		D		
2 Create oral presentations appropriate to the construction discipline.				I													P	D		
3 Create a construction project safety plan.													D							
4 Create construction project cost estimates.	I										D							D		
5 Create construction project schedules.	I								D									D		
6 Analyze professional decisions based on ethical principles.	I	D															P			
7 Analyze construction documents for planning and management of construction processes.						P	I	P			P								D	
8 Analyze methods, materials, and equipment used to construct projects.	I			D						P					P					
9 Apply construction management skills as an effective member of a multi-disciplinary team.																		D		
10 Apply electronic-based technology to manage the construction process.			I					P	P		P							D		
11 Apply basic surveying techniques for construction layout and control.																D				
12 Understand different methods for project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	I	I				D														
13 Understand construction risk management.																	P		D	
14 Understand construction accounting and cost control.									I				D							
15 Understand construction quality assurance and control.					I												D			
16 Understand construction project control processes.						I			P				D							
17 Understand the legal implications of contract, common, and regulatory law to manage a construction project.						I				P									D	
18 Understand the basic principles of sustainable construction.						I				P										
19 Understand the basic principles of structural behavior.										I		P			D					
20 Understand the basic principles of mechanical, electrical and plumbing systems.							I													I

I = Introduce P = Practice D = Demonstrate Shading indicates courses that will be assessed.