

Majmaah University Deanship of Quality and Skills Development



College: Engineering Department: Civil and Environmental Engineering Program: Civil Engineering



Selected Courses for Measuring Student Learning Outcomes (ABET)

		Student Learning Outcomes										
		a	b	С	d	е	f	g	h	i	j]
1	Structural Analysis 2 (CE 215)				İ							
2	Hydraulics 2 (CE 241)											
3	Engineering Report Writing (GE 306)											
4	Soil Mechanics and Foundation Eng. 2 (CE 311)											
5	Environmental Engineering 1 (CE 360)											
6	Water Supply and Sewage Eng. (CE c362)											
7	Surveying 2 (CE 371)											
8	Properties & Strength of Materials 2 (CE 313)											
9	Structural Analysis 3 (CE 316)											
10	Reinforced Concrete Design 2 (CE 318)				i i							
11	Steel Structures Design (1) (CE 320)											
12	Computer Application in Structure (CE 425)											
13	Engineering Economics (GE 407)											
14	Reinforced Concrete (3) (CE 419)											
15	Steel Structures Design (2) (CE 421)											
16	Senior Design Project (1) (CE 498)											
17	Engineering Project Management (GE 408)											
18	Contracts & Specifications (CE 423)											
19	Buildings Construction (CE 424)											
20	Senior Design Project (2) (CE 499)											



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CE Student Learning Outcomes: a-k

Domain	Student Learning Outcomes
a	An ability to apply Knowledge of mathematics, science and engineering
b	An ability to design and conduct experiments, analyze and interpret data
C	An ability to design a system, component or process to meet desired needs within realistic constraints
d	The ability to function on multidisciplinary teams
e	An ability to identify, formulate, and solve engineering problems
f	An understanding of professional and ethical responsibility
g	An ability to communicate effectively
h	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context
i	A recognition of the need for and an ability to engage in lifelong learning
j	A knowledge of contemporary issues
k	Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice

Note: College of Engineering is following ABET