

Republic of Iraq
Ministry of Higher
Education and Scientific
Research
Supervision and Scientific
Evaluation Apparatus



University: Shatt Al-Arab
College: Engineering
Department: Civil Engineering
Stage: 4th stage

Course Weekly Outline

Week No.	Theoretical	Experimental
1	Construction equipment and engineering fundamentals.	
2	Soil stabilization and compaction, Tractors	
3	Bulldozers, scrapers.	
4	Excavating equipment	
5	Trucks	
6	The form works for concrete structures	
7	Estimation fundamentals	
8	Buildings estimation material	
9	Buildings estimation material	
10	Buildings estimation material	
11	Earthwork estimation	
12	Earthwork estimation	
13	Cost estimation	
14	Contracts and technical specifications	
15	Contracts and technical specifications	