

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



College: Shatt Al-Arab University
College: Engineering
Department: Civil Engineering
Stage: 2nd stage

Course Weekly Outline

Week No.	Theoretical	Experimental
1	Shearing Forces and Bending Moments in Beams	
2	Shearing Forces and Bending Moments in Beams	
3	Shearing Forces and Bending Moments in Beams	
4	Shear force and bending moment diagrams.	
5	Shear force and bending moment diagrams.	
6	Shear force and bending moment diagrams.	
7	Bending stress in Beams	
8	Bending stress in Beams	
9	Shearing stress in beams	
10	Shearing stress in beams	
11	Deflection of Beams-Integration Method	
12	Deflection of Beams-Integration Method	
13	Deflection of Beams-Singularity Method	
14	Buckling of Columns.	
15	Buckling of Columns.	