

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	Introduction stress and strain	
2	Introduction stress and strain	
3	Applications to	
4	Axially Loaded Members	
5	Applications to	
6	Axially Loaded Members	
7	Introduction to concepts Thin Walled Cylinders	
8	Introduction to concepts Thin Walled Cylinders	
9	Shear Stresses resulting from Torsion	
10	Shear Stresses resulting from Torsion	
11	Shear Stresses resulting from Torsion	
12	Introduction to stress transformation and principal stresses	
13	Introduction to stress transformation and principal stresses	
14	Introduction to stress transformation and principal stresses	
15	Introduction to stress transformation and principal stresses	