

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	Introduction	
2	Yield line analysis for slabs	
3	One-Way Joist Slab (Ribbed Slab)	
4	Flat slab	
5	Waffle slab	
6	Precast slab	
7	Slabs on grade	
8	Composite slab	
9	Prestress concrete	
10	Analysis of flexural member of prestress concrete beams	
11	Analysis of flexural member of prestress concrete beams	
12	Design of flexural member of prestress concrete beams	
13	Design of flexural member of prestress concrete beams	
14	development length and anchorage zone design	
15	Deflection and crack control for flexural member of prestress concrete beams	