

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	Population prediction	
3	Water consumption	
4	Water Quality	
5	Planning and Q-design	
6	Head losses and Equivalent pipes	
7	Valves and fittings	
8	Section and circle Methods	
9	Hardy-Cross Method	
10	Implementation of Water Supply Network	
11	Collection & Purification works I	
12	Purification works II	
13	Elevated tanks	
14	Elevated tanks	
15	Mid-Term Exam	