Republic of Iraq

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

College: Shatt Al-Arab University College
Department: Civil Engineering
Stage: 4th stage
Lecturer name: Mr. Ali Hussain Ali
Academic title: Assist. Lecturer

Course Weekly Outline

Name	**Mr. Ali Hussain Ali**		
E-mail address			
Course name	Engineering Ethics		
General course objective	1-Preparing and qualifying specialized engineers to meet the requirements of the labor market in the private and public sectors in civil engineering through diversification of methods of learning and education and training students to apply the acquired knowledge and skills to solve real problems. 2- Providing distinguished academic programs in the field of civil engineering, both theoretical and practical, that comply with international standards of academic quality and meet the needs of the labor market.		
Course description / special objectives	This course serves as an introduction to the field of engineering hydrology. It covers fundamentals such as the hydrological cycle, catchment, hyetographs, losses, and hydrographs. Design topics covered will be selected from: flood frequency analysis, determination of design rainfall intensity and hyetographs, peak flow estimation, design hydrograph estimation, and groundwater process.		
References	Iraqi Code of Professional Engineering Ethics		
External sources			
Course assessment	**Assignments and quizzes**	**Midterm Exam**	**Final exam**
	40	**10**	**50**
General notes			

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Week No.	Theoretical	Unit-chapter	Aims
1	Introduction and Concept of Professional Ethics		This course covers a wide range of different construction methods, their optimal conditions and design methods with the aim of enriching the knowledge base of the civil engineer in the field of construction engineering in a way that enables him to solve potential engineering problems in this field effectively.
2	Definition of Ethical Concepts		
3	Ethical Principles and Professions		
4	Ethics of Professional Practice		
5	The Engineering Profession		
6	Global Dimensions of the Engineering Profession		
7	Ethical Principles of the Engineering Profession		
8	Engineer's Personal Obligations According to the Code of Professional Ethics		
9	Obligations Toward Employers		
10	Social Obligations		
11	Obligations Toward the Profession		
12	Obligations Toward Colleagues at Work		
13	Environmental Protection Obligations		
14	Intellectual Property in the Engineering Profession		
15	Mid-Term exam		