

Course Description Form

1. Course Name:	
Engineering Applications	
2. Course Code:	
3. Semester / Year:	
Semester	
4. Description Preparation Date:	
13/April/2024	
5. Available Attendance Forms:	
Only Attendance	
6. Number of Credit Hours (Total) / Number of Units (Total)	
2hours per week/30 hours per semester	
7. Course administrator's name (mention all, if more than one name)	
Name: Mohammed A. Hussain Iglah Email:eng.mohanned92@sci.utq.edu.iq	
8. Course Objectives	
For teaching students the principles of necessary engineering applications for structural safety	● ● ●
9. Teaching and Learning Strategies	
Strategy	1- Strategy 1: Collaborative Planning 2- Strategy 2: Brainstorming 3- Strategy 3: Remarks

10. Course Structure					
Wee k	Hour s	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	h2	To be able to evaluate the bearing capacity and settlement of soil and then safety of structure	Lectures about the structural site Soil Settlement Soil Bearing Capacity	Text Lec. Video Lec. Questions Real Examp of daily Life	Quizzes Home works Class works Daily Exams Monthly Exams
2	h2				
3	h2				
4	h2				
5	h2				
6	h2				
7	h2				
8	h2				
9	h2				
10	h2				
11	h2				
12	h2				
13	h2				
14	h2				
15	h2				
11. Course Evaluation					
Sum of the marks of Quizzes, Home works, Class works and daily and monthly Exams of 50 marks , Final Exam of 50 marks .					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Soil Mechanics Foundation		
Main references (sources)					
Recommended books and references (scientific journals, reports...)			Soil Mechanics		
Electronic References, Websites			Various Links		

