

Republic of Iraq  
The Ministry Of Higher  
Education  
& Scientific Research

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



University: Diyala  
College: Engineering  
Department: Civil  
Stage: Fourth  
Lecturer name: Huda Mohammed Mubarak  
Qualification: MSc  
Place of work: Diyala University

### Flow up of implementation celli pass play

Course Instructor	Huda Mohammed Mubarak				
E-mail	huda.mubarak@yahoo.com				
Title	Computer Applications				
Course Coordinator	2 hour/ week				
Course Objective	The student can be Understand the main principals for methods of modeling structures by STAAD Pro				
Course Description	The course including methods of modeling structures using STAAD Pro by two method; Staad editor, Graphical interface method				
Textbook	The catalogue of program				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	30%	-	20%	-	50%
General Notes					

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## Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	21/ 9	Introduction to Finite Element		
2	28/9	Introduction to Finite Element		
3	5/10	Introduction to Finite Element		
4	12/10	Methods of Modeling Structures		
5	19/10	Methods of Modeling Structures		
6	26/10	STAAD Editor Method		
7	2/11	Joint coordinate commands & member properties		
8	9/11	Material properties Commands	Application	
9	16/11	Support types commands	Application	
10	23/11	Load commands		
11	30/11	Analysis and review results		
12	7/12	Design of concrete according ACI	Application	
13	14/12	Design of slabs		
14	21/12	Design of isolated footing		
15	28/12	Design of steel structures	Application	
16	10/1	First term exam		
<b>Half – year break</b>				
17	15/2	Graphical Interface method		
18	22/2	Design and analysis of steel frame		
19	1/3	Design and analysis of steel frame		
20	8/3	=	Application	
21	15/3	=		
22	22/3	=	Application	
23	29/3	=		
24	5/4	=		
25	12/4	Design and analysis of concrete structures		
26	19/4	=	Application	
27	26/4	=		
28	3/5	=		
29	10/5	=	Application	

30	17/5	=		
31	24/5	=		

**INSTRUCTOR Signature:**

**Dean Signature:**