

**Course description:**

The study of working drawing concept and its importance on construction & contract process, enabling students to prepare all drawings & details to build an integrated building, by learning how to present their projects according to local building codes.

Aims of the course:

This course aims to present a qualified students , having the ability to prepare a full architectural and engineering drawings , knowing the architectural details, laws and orders leads them to product this drawings , and gain all the skills that qualified him to work in different firms and engineering offices .

Intended Learning Outcomes (ILOs):

1. Identify the fundamentals of Working Drawing.
2. Explain all the process to make a complete Working Drawing.
3. Using different Techniques in different projects.
4. Synthesize drawings and details into one integrated project according to the Jordanian legislation.

Course structures:

Week	C. Hrs	ILOs	Topics	Teaching Procedure	Assessment methods
3	18	1,2,3	Course outline (syllabus). Identify the fundamentals of Working Drawing. Explain all the process to make a complete Working Drawing.	studios	
5	30	4,3,2,1	Design your cover page and logo (Eng. Office name, project name, location, plot no., design by, drawn by, checked by, approved by, revision no., sheet name, scale,). First Project (villa	studios	
		4	Development	studios	report
		4	Development	studios	Project 1 submission
6	36	4	Final project.(commercial	studios	

			building)		
			Development	studios	
		4	Development	studios	
		4	Final Project Submission	studios	Project 2 submission

References:

1. Jordanian legislation
2. Lecturer notes
3. Kieth Styles and Andrew Bitchard, *Working Drawing Handbook*, Fourth Edition, 2004

٤ . كتاب التصميمات التنفيذية ، 2009 ، د. هشام حسن علي ، قسم الهندسة المعمارية ، جامعة أسيوط -

Assessment Methods:

Methods	Grade	Date
Assignments	20 %	
Quizzes and Participation	10%	
Project 1 Submission	20%	
Project 2 Submission	50%	

