

Architecture Design 4 (Urban Design Studio)

A. Course Identification and General Information

1. Course title: Architecture Design (4)		Code # Arch 360	
2. Name of course Coordinator: Prof. Hazem Ewais		Location: Main campus	
3. Course components (actual total contact hours and credits per semester):			
T. Methods		Laboratory / Studio	Notes
Contact Hours	Planned	120	
	Actual	112	
Credit	Planned	4	
	Actual	4	

B. Course Objectives

- Define the sequence of Design in urban context
- Develop concepts for design
- Formulate design strategies.

C. Course Description

Analyze the context of an existing city neighborhood and uncover issues for redesign. Study includes principle elements in urban context, and influences that shaped the form and functions of neighborhoods in cities.

D. Course Learning Outcomes

	رقم ناتج التعلم CLO.	
التعرف على العوامل المختلفة والظروف المحيطة المؤثرة على التصميم العمراني Recognize different factors and circumstances and its effects on Urban Design.	1.2.1	1
تطبيق تحليلي وتقييم استقصائي لموضوع مرتبط بالتصميم العمراني Applying analytical and evaluative investigations and studies in an issue.	2.3.1	2
تصميم أنواع مختلفة من المباني وتنسيق الموقع الخاص بها وبيئتها المحيطة Design different types of buildings as well as its landscape and outdoor environment.	2.7.1	3
تنظيم فريق للعمل الجماعي أما كقائد أو عضو بالفريق لمواقف وموضوعات مختلفة Organize a group either as a leader or as a member in different situations and issues.	3.1.1	4
تحضير عروض لمشاريع التصميم العمراني مع التقارير الخاصة بها Prepare effective presentations and reports for Urban Design projects and different issues.	4.1.1	5
عمل نماذج مادية Make physical models	5.2.1	6

E. Course Planned Program

Topics Covered & Targeted CLOs	Planned Contact Hours			Notes
PHASE 01 (Data Collection)	3 Weeks			Evaluation
Targeted CLOs: 1.2.1, 2.3.1, 3.1.1 & 4.1.1	Contact Hours	Start Date	End Date	Relative Weight & Deliverables
• Project Briefing / Team Setup / Site Visit.	8	H		
		G		
• Data Compilation / Case studies Examples	12	H		
		G		
• Presentation & Jury 01	4	H		10%
		G		
PHASE 02 (Data Analysis & Main Concept)	4 Weeks			Evaluation
Targeted CLOs: 1.2.1, 2.7.1, 4.1.1 & 5.2.1	Contact Hours	Start Date	End Date	Relative Weight & Deliverables
• Building Form & Shape	4	H		
		G		
• Layout Concept Schematics	12	H		
		G		
• Site Layout Development	8	H		
		G		
• Presentation & Jury 02	4	H		10%
		G		
• Prepare Urban Details	4	H		
		G		
PHASE 03 (Design Development DD)	5 Weeks			Evaluation
Targeted CLOs: 1.2.1, 2.7.1, 4.1.1 & 5.2.1	Contact Hours	Start Date	End Date	Relative Weight & Deliverables
• Development of Layout Plan	8	H		
		G		
• Sketch Design	4	H		10%
		G		
• Development of Layout Plan	12	H		
		G		
• Finalize Design of Layout Plan	12	H		
		G		
• Presentation & Jury 03	4	H		10%
		G		
PHASE 04 (Prepare for Pre / Final Submission)	3 Weeks			Evaluation

Targeted CLOs: All Learning Outcomes	Contact Hours	Start Date	End Date	Relative Weight & Deliverables
• Preparation for the Pre-Final Presentation	8	H G		
• Pre-Final Jury Presentation	4	H G		20%
• Preparation for the Final Presentation	8	H G		
Total Grades				60% + 10% for Following up
• Final Jury Presentation / Submission	4	H G		30%
Total Final Grades	120 H.			100%

F. Course Assessment Criteria

Schedule of Tasks for Students During the Semester			
	Assessment task	Week Due	Proportion of Total Ass.
1	PHASE 01 (Data Collection) - Presentation & Jury 01		10%
2	PHASE 02 (Data Analysis & Main Concept) - Presentation & Jury 02		10%
3	PHASE 03 (Design Development DD) - Sketch Design		10%
4	PHASE 03 (Design Development DD) - Presentation & Jury 03		10%
5	PHASE 04 (Prepare for Pre / Final Submission) - Pre-Final Jury Presentation		20%
5	PHASE 04 (Prepare for Pre / Final Submission) - Final Jury Individual Presentation		30%
6	Participation / Portfolios		10%
7	Total		100%

G. Learning Resources

- Barnett, Jonathan. "Designing Cities Without Designing Buildings." In An Introduction to Urban Design. New York, NY: Harper and Row, 1982, pp. 57-97. ISBN: 0064301141.
- Watson, Donald; Plattus, Alan; Shibley, Robert. "Time-Saver Standards for Urban Design." McGraw-Hill Companies, Inc. NY. 2003. ISBN 0-07-068507-X.
- Llewellyn-Davies; Urban Design Compendium. The Housing Corporation, Gov.UK, 2000.
- NACTO, Urban Street Design Guide, Island Press, 2013.
- Beatley, Timothy, Green Cities of Europe, Island Press, 2012.
- Lynch, Kevin. "City Image and Its Elements." In Image of the City. Cambridge, MA: MIT Press, 1960.
- Learning Management System (KSU-LMS)
- http://www.weburbandesign.com/pages/bluerings_s05.html
- <http://www.rudi.net/>
- http://udc.homesandcommunities.co.uk/urban-design-compendium?page_id=&page=1