



Jordan University of Science and Technology
Faculty of Architecture And Design
Architecture Department

ARCH311 Architectural Design (3)

First Semester 2024-2025

Course Catalog

5 Credit Hours. Design problems with multiple functional complexities. Highlighting functional and aesthetic aspects of design multiple layers of design, such as circulation, structure, and environment. Exploring architectural building typologies. Exposure to more thinking approaches to architectural design. Digital studios may be adopted in this course according to the instructor. Two projects.

Teaching Method: On Campus

Text Book

Title	Thinking architecture.
Author(s)	Zumthor, P., Oberli-Turner, M., & Schelbert, C.
Edition	1st Edition
Short Name	Thinking architecture.
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Sensory experience	The eyes of the skin: Architecture and the senses	Pallasmaa, J., & Holl, S	1st Edition	
Thinking architecture	Atmospheres: Architectural environments, surrounding objects.	Zumthor, P.	2nd Edition	
Thinking architecture	Questions of perception: Phenomenology of architecture.	Holl, S., Pallasmaa, J., & Pe?rez, G. A.	1st Edition	
Experience architecture	Experiencing Architecture	Rasmussen, S. E.	2nd Edition	
Thinking architecture	Storytelling Through Architecture.	Wallace, C. N. (n.d.).	1st Edition	

Instructor

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Instructor

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Instructor

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Instructor

Name	Mrs. Deema Alshboul
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Instructor	
Name	Dr. Laith Obeidat
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Class Schedule & Room
Section 1: Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(F2)
Section 2: Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(G1)
Section 3: Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(G2)
Section 4: Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(H1)
Section 5: Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(H2)

Prerequisites		
Line Number	Course Name	Prerequisite Type
2212120	ARCH212 Architectural Design (2)	Prerequisite / Pass

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Project 1- Introduction and Readings	From Sensory experience , From Thinking architecture , From Thinking architecture
Week 3	Project 1- Preliminary Design	From Sensory experience , From Thinking architecture
Week 4	Project 1- Design Development	From Sensory experience , From Thinking architecture
Week 2	Project 1- Reflection of readings	From Sensory experience , From Thinking architecture , From Thinking architecture
Week 5	Project 1- Prefinal Submission	
Week 6	Project 1- Final Submission	
Week 7	Project 2- Data collection	From Thinking architecture , From Thinking architecture , From Experience architecture
Week 8	Project 2- Precept submission	
Week 9	Project 2- Schematic design	From Thinking architecture , From Thinking architecture , From Experience architecture
Weeks 10, 11, 12	Project 2- Design development	
Weeks 13, 14	Project 2- Prefinal	
Week 15	Project 2- Final Submission	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Design with human sense factors [1A.A2]	25%	
Understand user behaviour [1A.A1]	30%	

Design experience and functionality [1A.A1]	45%	
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Relationship to Program Student Outcomes (Out of 100%)																							
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A.A1	A.A2	A.A3	A.A4	A.A5	A.A6	A.A7	A.A8	B.B1	B.B2	B.B3	B.B4	B.B5	B.B6	B.B7	B.B8	B.B9	B.B10	C.C1	C.C2	C.C3	D.D1	D.D2	D.D3	D.D4	D.D5
75	25																								

Evaluation	
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Assessment Tool	Weight
Project 1	35%
Project 2	65%

Date Printed: 2024-10-23