



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

ARCH211 Architectural Design (1)

First Semester 2023-2024

Course Catalog

5 Credit Hours. Studio-based investigation of the fundamentals of making architectural form and space with an emphasis on human-based inquiry and exploration. Design generation with reference to human-environment interaction through exploring the principles of anthropometrics and ergonomics and applying these principles on interior design of simple spaces. Two projects at least.

Text Book

Title	Architects' data
Author(s)	Neufert, E., Neufert, P., & Kister, J.
Edition	7th Edition
Short Name	Re#1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Re# 2	Graphic Thinking for Architects and Designers	Laseau, Paul	4th Edition	

Instructor

Name	Mrs. Amal Almalkawi
Office Location	-
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Instructor

Name	Mrs. Bsmah Bany Muhammad
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Instructor

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Instructor

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Instructor	
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Instructor	
Name	Miss Hind Al Momani
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Instructor	
Name	Dr. Yasmein Okour
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Class Schedule & Room	
Section 1:	Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(G1)
Section 2:	Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(A)
Section 3:	Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(H1)
Section 4:	Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(H2)
Section 5:	Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(F2)
Section 6:	Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(F1)
Section 7:	Lecture Time: Sun, Tue : 11:30 - 16:30 Room: DRNHALL(G2)

Prerequisites		
Line Number	Course Name	Prerequisite Type
2211120	ARCH112 Basic Design (2)	Prerequisite / Pass

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7	First Project: Family House (200 -250 m2)	From Ref#1, From Ref# 2
Weeks 8, 9, 10, 11, 12, 13, 14	Second Project: JUST Primary School (800-1000m2)	From Ref#1, From Ref# 2

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Recognize previous design knowledge needed to solve architectural problems within specific context and need.	10%	
Apply design skills from concept formation the design development though the design process	20%	
Analyze and determine site forces and reach the design strategies and constraints	10%	

Evaluate the arrangement of different functional spaces and its organization of the design proposal according to the building standards, criteria and codes	50%	
Demonstrate appropriate presentation and communication skills related to design project	10%	

Relationship to Program Student Outcomes (Out of 100%)

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

Evaluation

Assessment Tool	Weight
Project 1	50%
Project 2	50%

Policy

Studio policy	Commitment and professional responsibility towards the studio should be respected, such as timing, instructors, assistants, colleagues and existing furniture. Do not leave food, bottles or cans in the studio. All paper and card cutting must be done on the cutting boards, not on the desks. Recycle all excess paper/card.
Late Attendance/Early Departure	Students must be present and attentive in the studios during the time of the class which is 11:30 am-4:30pm Sundays and Tuesdays. Two late attendances or early departure from the class will be considered and counted as one full absence. Attendance will be recorded by the instructor
Late submissions	Work not submitted by the due date, except with valid prior notification and/or substantiation, is a late work and will not be accepted for a full grade. Submission of work that past the due date will result in a reduction of 20% of full grade for each day (24 hour) late. Studio projects that are not fully completed nor submitted on time will not be considered for formal presentation and will receive "0" for presentation grade.
Student Work Submissions	Punctuality is a symbol of professionalism and responsibility. All student works (projects, exercises, and sketch designs) must be submitted on time (at the beginning of the studio) and in both hard and digital format in order to be considered for full credit.

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