



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

ARCH593 Special Topics In Architecture (C)
Second Semester 2023-2024

<b>Course Catalog</b>
1 Credit Hours. A course dealing with diverse special new topics in architecture, it can be substituted as a Department requirement (maximum of 3 C.H.)
<b>Teaching Method:</b> Blended

<b>Text Book</b>	
<b>Title</b>	The Visual Display of Quantitative Information
<b>Author(s)</b>	Tufte, E. R
<b>Edition</b>	2nd Edition
<b>Short Name</b>	1
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
2	Mastering ArcGIS	Maribeth Price	7th Edition	

<b>Instructor</b>	
<b>Name</b>	Dr. Nermeen Dalgamoni
<b>Office Location</b>	A3L3-305
<b>Office Hours</b>	Sun : 09:00 - 10:00 Mon : 09:00 - 10:00 Tue : 09:00 - 10:00 Wed : 09:30 - 10:30 Thu : 09:00 - 11:00
<b>Email</b>	nadalgamoni@just.edu.jo

<b>Class Schedule &amp; Room</b>	
Section 1: Lecture Time: Wed : 08:30 - 09:30 Room: A3130	

<b>Prerequisites</b>		
Line Number	Course Name	Prerequisite Type
2213120	ARCH312 Architectural Design (4)	Prerequisite / Study

<b>Tentative List of Topics Covered</b>		
Weeks	Topic	References
Week 1	Course Introduction / What is Mapping?	
Week 2	Map Types	
Week 3	Thematic Maps	
Week 4	Cartography and Geo-visualization	
Week 5	Communicating with Maps	
Week 6	Understand your Data	
Week 7	Eid El-Fitr, Holiday "30 Ramadan"	
Week 8	Data Organization / Part 1	
Week 9	Data Organization / Part 2	
Week 10	Labour day "1st of May yearly" (Holiday)	
Week 11	Data Integrity	

Week 12	Data Classification	
Week 13	From Data To Design	
Week 14	Map Projection	
Week 15	Final Exam period	

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Explore and apply appropriate design methodologies and processes coupled with rigorous analysis and research, which includes problem definition, setting evaluative criteria, analyzing solutions, and predicting the effectiveness of implementation.	30%	Final Exam, Midterm
Respond to the increasing complexity of contemporary concepts of pluralist vision, as well as crucial issues, such as sustainability, identity, culture-specific aspects, and modes of realizing architectural design	20%	Final Exam, Midterm
Recognize an understanding of the contribution and impacts of the architectural design in contextual influence (social, economic, environmental, political, cultural, and technological issues	20%	Final Exam
Demonstrate an advanced level of interpretation using multiple communication media and presentation techniques	30%	Final Exam, Midterm

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.D

Evaluation	
Assessment Tool	Weight
Final Exam	50%
Midterm	40%

Policy	
Attendance + Participation	Attendance is mandatory in all classes, including both lectures and work sessions. An absence of course will cause the student to lose class participation grades. The allowable absence is 20%.
Academic Integrity	Each student is fully accountable for the academic integrity of his or her work. Any form of cheating will not be tolerated. Penalties for infractions, including an 'F' for the entire course, will be assessed by the instructor as circumstances may indicate appropriately. Students are admonished to make every reasonable effort to make fair and accurate attribution for the ideas, narrative, and images of others used in reports and presentations.
Grading	Student evaluations will be based on participation and effort, individual improvement throughout the semester, and the quality of work produced: - Midterm: 40% - Participation 10% - Final: 50%

Date Printed: 2024-08-14