



Amman - Jordan

Study Plan

Faculty Architecture and Design
Specialization Architecture Engineering
Semester Second
Academic Year 2019/2020

Course Name Architectural Design (6)
Course Number 1101482

A copy of the Study Plan shall be given to each registered student in this course. The Study Plan shall be preserved for future use.



F112-3, Rev. c

Ref.: Deans' Council Session (03/2018-2019), Decision No.: 14, Date: 15/09/2018

1. Lecturer Information

1. Lecturer Name: Wael Waleed Al-Azhari
2. Office Number: 341B
3. Phone Number: 06 4790222 ext. 267
4. Email: dean-archdesg@meu.edu.jo
5. Office Hours: 12:00-13:00 Sunday, Monday, Tuesday, Wednesday

2. Place and Date of the Course

1. The Days and Time of the Course: 08:00-11:30 Sunday, Tuesday
2. Place: E009
3. Course Laboratory (if any):

3. Sources and References

1. Course Book:

Guyer, J. (2019). *An Introduction to Airport Passenger Terminal Design*. New York: Independently Published.

2. Other References:

Baker, G. (1996). *Design Strategies in Architecture: An Approach to the Analysis of Form*, First Edition. London: Taylor & Francis.

Clark, R. and Pause, M. (1985). *Precedents in Architecture*. New York: Van Nostrand Reinhold Company.

Dümpelmann, S. and Waldheim, S. (2016). *Airport Landscape: Urban Ecologies in the Aerial Age*. Harvard: Harvard Graduate School of Design.

Gutzmer, A., Frommberg, L. and Eiselin, S. (2016). *The Art of the Airport: The World's Most Beautiful Terminals*. New York: Frances Lincoln.

Horonjeff, R., McKelvey, F., Sproule, W. and Young, S. (2010). *Planning and Design of Airports*, Fifth Edition. London: McGraw-Hill Education.

Özay, E. (2020). *Urban Renewal and School Reform in Baltimore: Rethinking the 21st Century Public School*. London: Routledge.

Young, S. (2011). *Airport Planning and Management*, Sixth Edition. London: McGraw-Hill Professional.

4. Course Description

1. The Description:

Design continuation of its predecessor with more complexity and on a larger scale as it deals with large-scale structures with systemic design over two stages: first, the overall planning and design as a teamwork, then the detailed design of selected parts as individual work.

2. Objectives:

- Investigating the complexities of underlying critiques and representations of constructed culture in order to discover the opportunities for meaning, interpretation, and intervention.
- Identifying and comparing formative ideas, concepts of space and formal orders within a cultural artifact that will form the foundation of analysis.
- Synthesizing analytical and intuitive thinking as a method for critique, comprehension, and design generation.
- Developing architectural spaces that emphasize scale and measure relative to human perception.
- Refining student communication skills, placing greater emphasis on independent thought, self-critique, and graphical/ verbal/ textual acuity.

5. Learning Outcomes of the Course

1. Demonstrate critical thinking through a self-reflective process of conceptualization and design thinking.
2. Implement complex two and three-dimensional graphic representation techniques using a wide variety of traditional and digital media.
3. Apply a design decision-making process through appropriate technical documentation.
4. Incorporate a wide range of technical skills and professional architectural knowledge during schematic design.
5. Demonstrate the ability to synthesize a wide range of variables into an integrated design solution.
6. Understanding how to collaboratively lead teams of stakeholders in the process of conceiving, developing and implementing design solutions.

6. Learning Outcomes of the Programme

1. Implement concepts of architecture with high proficiency.
2. Keep pace with intellectual and practical developments to fulfill the varying needs of society.
3. Understand the importance of local heritage and preserve it.
4. Understand the diverse civilizations of the world and boost cultural exchange.
5. Apply innovation and critical thinking on various fields of Architecture.
6. Find creative and innovative solutions for various design dilemmas.
7. Use high skills in expressing and communication.
8. Continuously learn conduct research and apply it in professional practices.
9. Adhere to professional ethics and principles of practice.

7. Teaching Methods

The studio will employ all reasonable means of study within the design process, including hand sketching, orthographic drawing, physical and virtual modeling, digital image manipulation, etc. The students are expected to give their fullest effort in this regard, and while this effort does not, in itself, guarantee excellent work, it does offer the greatest opportunity for design development through a rigorous process. As part of this process, the students will be expected to record their work in a sketchbook, referencing their own understanding their own work. Selected texts and articles will accompany the specific projects, as will the respective class discussions and presentations. Student participation is highly encouraged and will be reflected in grading.

8. Evaluation Methods and their Percentage Value %

#	Evaluation	Value	Description
1.	Exams	10%	Sketch Design(s) during the Semester
2.	Final Exam	10%	Final Sketch Design
3.	Homework	60%	Design Project(s)
4.	Participation	20%	Site and Program Report
Total		100%	

9. The Timetable for the Implementation of Course

Week	Subject	Reference in the Course Book (Pages)	Number of Educational Output of the Material	Output Number of the Programme
1	Course Overview	xix-xxi	1	1,2,8
2	Site Analysis	3-32	3,5	3,4,7
3	Site Analysis	3-32	3,5	3,4,7
4	Site Constraints	37-58	3,4,5,8	3,4,7
5	Brief Requirements	157-185	2,5,6	3,4
6	Brief Requirements	157-185	2,5,6	3,4
7	Architectural Concept	63-83	1,2,5	5,6
8	Architectural Concept Development	63-83	1,2,5	5,6
9	Architectural Plans Development	218-230	2	2,6,7
10	Architectural Plans Development	218-230	2	2,6,7
11	Architectural Plans Development	218-230	2	2,6,7
12	Architectural Elevations Development	256-267	2	2,6,7
13	Architectural Elevations Development	256-267	2	2,6,7
14	Architectural 3Ds Development	269-277	2,5	2,7
15	Architectural Presentation	283	2,6	2,7
16	Final Jury		6	7,9

10. Course Policies

- They are demonstrated according to the regulations of granting the degree (Bachelor and Masters)/ student guide.
- They should be explained to the students in the first meeting.

1. Attendance:

Architectural professionals understand the importance of being present, on time, with work completed. Adherence to these professional attributes begins in architectural education. To that end, the Faculty has established a policy to underscore the importance of full attendance, except for illness or religious holidays, not exceeding 15% of the total number of classes.

2. Delays:

Late work will not be accepted for full credit. A late penalty of 10% per day will be assessed against work turned in late. All assignments are expected to be complete and turned in, but only work that is turned in on time will be eligible for full credit. It is your responsibility to use class time effectively.

3. Examinations:

Students absent from a required presentation, assignment, or examination will receive, without exception, an F for that presentation, assignment, or examination. Students appearing more than 15 minutes late for a critique will be considered late and will not receive a critique. Two late arrivals will count as one absence.

4. Homework and Projects:

Assignments/projects are generally posted to the instructor's web site. If a student misses class for any reason, please check the site, there will usually be useful information, so that the student does not fall behind.

5. Attending the Exams and Meeting the Deadlines:

There will be intermediate design reviews during the course of each project. Attendance and participation in design reviews are mandatory. Usually one studio session or a part of a session is used for final review of each design project. Students should be prepared to orally present their work at intermediate reviews as well as final reviews.

6. Cheating and Punishment:

First Offense

On the first infraction, the student will be given a zero on the assignment and will be given the opportunity for a second chance in avoiding future infractions.

The student, parent/guardian, and school counselor will be sent a message/email notifying them of the offense, the action taken, and the consequence if a second infraction occurs.

The infraction will be documented in the student's file.

Second Offense

On the second infraction, the student will be administratively removed from the course and assigned a "Dropped" status. Please review the Withdrawal Policy for more information.

The student, parent/guardian, and school counselor will be sent a message/email notifying them of the offense, the action taken, and the consequence, which is removal from the course.

The infraction will be documented in the student's file.



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