



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

Course Syllabus

1. Course number and name

AR311 Architectural Design III

2. Credits and contact hours

(1+8) 5 credit hours, 9 contact hours

3. Course type

Face to Face Course

4. Instructor's or course coordinator's name

Dr. Majida Yakhlef-Coordinator

Dr. Duaa Al Maani

Arch.Ala Gammoh

5. Textbook information

a. General references:

1. Sibylle Kramer, (2010). Schools educational spaces, Braun publishing AG ISBN 978-3-03768-023-0
2. Edward T.White ,1991, Site Analysis, diagraming information for architectural design, Architectural media Ltd, USA.
3. Unwin, S. (2020). Analysing Architecture: the universal language of place-making. Routledge.
4. Donald Watson, Michael J. Crosbie, John Hancock Callender, 1997, Time Saver Standards for Architectural Design Data, 7th Edition, McGraw-Hill, USA.
5. Neufert, E., & Neufert, P. (2012). Architects' data. John Wiley & Sons.

b. Other supplemental materials

Project Specific references: please refer to the brief

6. Specific course information

a. Catalog description

Complex mixed-use design, built-in environment, users' needs and behavior, program development, contemporary movements, local design trends, structural system, and CAAD drawing

b. Prerequisites or co-requisites

Prerequisite: AR214, Design II



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

c. The course is:

Required in the Architecture program.

7. Specific goals for the course

a. Intended Learning Outcomes:

After completion of the course, students are expected to be able to:

A. Knowledge and Understanding (student should):

- A1. Ability to produce rigorous, systematic research related to the project at architectural and urban scales.
- A2. Knowledge in the effect of arts on architectural design projects in terms of concept and presentation, and the ability to develop a thoughtful dimension in criticizing architectural design.
- A3. Ability to design buildings and/or urban development projects that interact with the surrounding context, and fulfill human, social, and local cultural requirements.

B. The following student outcomes are addressed by the course Cognitive and Intellectual Skills:

- B1. Ability to develop the initial theoretical and philosophical dimension of the project

C. Subject specific skills:

- C1. Ability to use communication skills and oral presentation of the project.

8. Intended Learning Outcomes and their Alignment Program Learning Outcomes (PLO's) with Methods of Delivery, and Assessment Methods:

Learning Outcomes	Program	Method of Delivery	Assessment Method
A. Knowledge and Understanding			
A1. Ability to produce rigorous, systematic research related to the project at architectural and urban scales.	ARC-1.1.1.3	Studio	Discussion pinup
A2. Knowledge in the effect of arts on architectural design projects in terms of concept and presentation, and the ability to develop a thoughtful dimension in criticizing architectural design.	ARC-1.1.210	Case studies / studio	Discussion pinup



**DEPARTMENT OF ARCHITECTURE ENGINEERING
 ARCHITECTURE ENGINEERING PROGRAM, BSC.**

A3.Ability to design buildings and/or urban development projects that interact with the surrounding context, and fulfill human, social, and local cultural requirements.	ARC-1.1.3.7	Lectures/ Studio	Discussion
B. Cognitive and Intellectual Skills			
B1.Ability to develop the initial theoretical and philosophical dimension of the project	ARC-1.1.1.5		Discussion
C. Specific Skills			
C1.Ability to use communication skills and oral presentation of the project.	ARC-1.1.4.3		

9. Weekly Teaching Plan

Week	Lecture	Topic	Method of Delivery
Week 1	Lec_1	Class introduction group identification	Studio
	Lec_2	site visit	Field trip
Week 2	Lec_3	Research analysis, precedent Studies	Studio
	Lec_4	Research, analysis, precedent Studies	Studio
Week 3	Lec_5	Site analysis & program	Lecture/studio
	Lec_6	Site analysis & program	Discussion
Week 4	Lec_7	1st submission 10 marks	Pinup Group discussion
	Lec_8	Concept & Design Philosophy	Lecture discussion
Week 5	Lec_9	Concept & Design Philosophy	Studio
	Lec_10	Concept & Design Philosophy	Studio
Week 6	Lec_11	2nd submission 10 marks	Studio



**DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.**

			discussion
Week 7	Lec_12	Zoning	Studio Work
	Lec_13	Zoning	Studio Work
Week 8	Lec_14	Project development	Studio Work
	Lec_15	One-line plans	Studio Work
Week 9	Lec_16	One-line plans	Studio Work
	Lec_17	One-line plans	Studio Work
Week 10	Lec_18	3rd submission Follow-up crit 20 marks	Studio
	Lec_19	Project development	Studio
Week 11	Lec_20	Project development	Studio
	Lec_21	Project development	Studio
Week 12	Lec_22	Project development	Studio
	Lec_23	Pre final submission 20 marks	Pinup /Discussion
Week 13	Lec_24	Project development	Studio
	Lec_25	Project development	Studio
Week 14	Lec_26	Project development	Studio
	Lec_27	Project development	Studio
	Lec_31	Final submission 40 marks	Pinup

1. Grade Distribution:

Assessment	Grade	Week No.
- research, concept and follow up_)	40%	4,6,10 Week
- follow up and Pre final submission)	20%	14th Week
- Final Examination	40%	16 th Week

Note: Make-up exams will be offered for valid reasons. It may be different from regular exams in content and format.