DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.

Course Syllabus

1. **Course number and name**
   AR 213 Architectural Design 1

2. **Credits and contact hours**
   (1+6) 4 credit hours, 7 contact hours

3. **Course type**
   Face to Face Learning Course

4. **Instructor's or course coordinator's name**
   Arch. Ala Gammoh (Coordinator)
   Dr. Reem Al Barakat
   Arch. Roaa Zaidan

5. **Textbook information**
   1. Donald Watson, Michael J. Crosbie, John Hancock Callender, Time Saver Standards for Architectural Design Data, 7th Edition, McGraw-Hill, USA, 1997.
   2. Laseau, Paul, Graphic Thinking for Architects and Designers, New York: Van Nostrand Reinhold, 1989.
   3. Edward T.White, Site Analysis, diagraming information for architectural design, Architectural media Ltd, USA, 1991.

   a. **Other supplemental materials**
      Instructor's notes

6. **Specific course information**
   a. **Catalog description**
      Understand the vocabulary of architecture. Develop critical thinking skills. Work within the triangulated priority system of context, need, and aesthetics. Develop creative presentation skills. Conduct a precedent studies.

   b. **Prerequisites or co-requisites**
      Prerequisite: AR112 Introduction to Architecture Design 2 (806112)

   c. **The course is:**
      Required in the Architecture program.

DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.

7. Specific goals for the course

A. Course outcomes:

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

A1. Ability to define project's problem and nature.

A2. Ability to develop the initial theoretical and philosophical dimension of the project.

A3. Ability to use communication skills and oral presentation of the project.

B. Cognitive and Intellectual Skills :

B1. 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.

C. Transferable Skills :

C1. Research methods related to Architectural projects.

8. Learning Outcomes and their Alignment with Program Educational Objective (PEO's), Methods of Delivery, and Assessment Methods:

Learning Outcomes	Program PEOs	Method of Delivery	Assessment Method
Course Outcomes			
A1. Ability to define project's problem and nature.	ARC-1.1.1.2	Studio and Lectures and Case Studies	Development & Final Sub.
A2. Ability to develop the initial theoretical and philosophical dimension of the project.	ARC-1.1.1.5	Studio and Lectures and Case Studies	Concept Sub. & First Sub.
A3. Ability to use communication skills and oral presentation of the project.	ARC-1.1.4.3	Studio and Lectures and Case Studies	Pre final sub. & Final Sub.
Cognitive and Intellectual Skills			
B1. Knowledge in the effect of arts on architectural design projects in terms of concept and presentation, and the ability to develop a	ARC-1.1.210	Studio and Lectures and Case Studies	Final Sub.

thoughtful dimension in criticizing architectural design.			
Transferable Skills			
C1. Research methods related to Architectural projects.	ARC-1.1.1.1	Studio and Lectures and Case Studies	First Sub.

9. Weekly Teaching Plan

Week No.	Lecture	Topic	Method of Delivery
1		Course Introduction	Lecture
		Holiday	Lecture + Studio
2		Phase 1 Introduction + Site Visit	Studio
		Studio Work + Development	Studio
3		Studio Work + Development	Lecture + Studio
		Studio Work + Development	Studio
4		Phase 1 First sub. (Analysis & Case Studies)	Studio
		Studio Work + Development	Lecture + Studio
5		Phase 1 Second Sub. (Concept)	Studio
		Studio Work + Development	Studio
6		Studio Work + Development	Lecture + Studio
		Phase 1 Pre- Final Sub.	Studio
7		Studio Work + Development	Studio
		Phase 1 Final Sub.	Lecture + Studio
8		Project (Phase 2) Introduction	Studio
		Studio Work + Development	Studio

DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.

9		Studio Work + Development	Studio
		Studio Work + Development	Lecture + Studio
10		Studio Work + Development	Studio
		Phase 2 First sub. (Site analysis + Study Cases)	Studio
11		Studio Work + Development	Lecture + Studio
		Phase 2 Second sub. (Concept)	Studio
12		Studio Work + Development	Studio
		Phase 2 Third Sub. Design Development (Plans + Elevation + Section +Model)	Studio
13		Studio Work + Development	Lecture + Studio
		Phase 2 Pre -Final Sub. (Plans + Elevations + Sections+ 3d's + Model)	Studio
14		Studio Work + Development	Studio
		Project Final Sub. (Plans + Elevations + Sections+ 3d's + Model + Presentation)	Studio

10. Grade Distribution:

Assessment					Week No.
100 %	Year Work (60 Marks)	First Exam (20 Marks)	Phase 1 First Sub.	5 Marks	2
			Phase 1 Second Sub.	5 Marks	4
			Phase 1 Pre- Final Sub.	10 Marks	5
		Second Exam (15 Marks)	Phase 1 Final Sub.	15 Marks	7
		Home Works & Project (25 Marks)	Phase 2 First Sub.	10 Marks	9
			Phase 2 Second Sub.	5 Marks	10
			Phase 2 Third Sub.	10 Marks	12
	Final Exam (40 Marks)		Phase 2 Pre Final Sub.	15 Marks	14
			Project Final Sub.	25 Marks	15

DEPARTMENT OF ARCHITECTURE ENGINEERING
ARCHITECTURE ENGINEERING PROGRAM, BSC.

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