



Course Specifications:
ARE7313 - Theories & Philosophy of Architecture 1



1. Basic Information

Program Title	Architectural Engineering
Department offering the Program	Architectural Engineering
Department Responsible for the Course	Architectural Engineering
Course Title	Theories & Philosophy of Architecture 1
Course Code	ARE7313
Year/ Level	Third Year – First Term
Specialization	Major
Authorization date of course specification	2005

Teaching Hours	Lectures	Tutorial	Practical
	3	0	0

2. Course Attributes:

No.	Attribute
07	Communicate effectively.
10	Display professional and ethical responsibilities; and contextual understanding.
11	Engage in self- and life- long learning.
15	Demonstrate knowledge of cultural diversity, differences and the impact of a building on community character and identity.

3. Intended Learning Outcomes (ILOs):

a. Knowledge and Understanding:

No.	Knowledge and Understanding
A ₀₄	Principles of design including elements design, process and/or a system related to specific disciplines.
A ₁₉	Theories and histories of architecture, planning, urban design, and other related disciplines.
A ₂₃	Principles of sustainable design, climatic considerations, and energy consumption and efficiency in buildings and their impacts on the environment.

b. Intellectual Skills

No.	Intellectual Skills
B ₀₄	Combine, exchange, and assess different ideas, views, and knowledge from a range of sources.
B ₁₀	Incorporate economic, societal, environmental dimensions and risk management in design.
B ₂₀	Discuss, search and formulate informed opinions appropriate to specific context and circumstances affecting architecture profession & practice.
B ₂₁	Analyze the range of patterns and traditions that have shaped and sustained cultures and the way that they can inform design process.



Course Specifications:
ARE7313 - Theories & Philosophy of Architecture 1



c. Professional Skills

No.	Professional Skills
C ₁₉	Respect all alternative solutions; changes in original plan of the project, differences in style, culture, experience and treat others with respect.
C ₂₁	Respond effectively to the broad constituency of interests with consideration of social and ethical concerns.

d. General Skills

No.	General Skills
D ₀₁	Collaborate effectively within multidisciplinary team.
D ₀₃	Communicate effectively.
D ₀₇	Search for information and adopt life-long self learning.
D ₀₉	Refer to relevant literature effectively.

4. Course Contents:

No.	Topics
1	Course Orientation
2	ARCHITECTURE FOR WORSHIP I
3	ARCHITECTURE FOR WORSHIP II
4	ARCHITECTURE FOR WORSHIP III
5	ARCHITECTURE FOR LIVING I
6	ARCHITECTURE FOR LIVING II
7	ARCHITECTURE FOR EARNING
8	Mid-Term Exam
9	ARCHITECTURE FOR GOVERNING
10	ARCHITECTURE FOR PLEASURE AND LEARNING
11	A WALK AROUND ST. MARK'S SQUARE
12	SQUARES and PLAZAS
13	Collective Group Presentations
14	Course Review

5. Teaching and Learning Methods:

5.1 Normal Students:

No.	Teaching Method	Choice
1	Lectures	√
2	Discussion Sessions	√
3	Information Collection from Different Sources	×
4	Practical	×
5	Research Assignment	√
6	Field Visits	√
7	Case Studies	×



Course Specifications:
ARE7313 - Theories & Philosophy of Architecture 1



8	Smart Sessions	√
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5.2 Disable Students:

No.	Teaching Method	Reason
1	Presentation of the course in digital material.	Better access any time.
2	Web communication with students	Better communication with certain cases.
3	Asking small groups to do assignments; each composed of low, medium, and high performance students.	Knowledge and skills transfer among different levels of students.
4	Asking disabled students to do PowerPoint/Poster presentations.	Encouraging disabled students' engagement and interaction.

5.3 Excellent Students:

No.	Teaching Method	Reason
1	Developing course materials gradually to allow excellent students to receive teaching that meets their needs	Excellent students rely on excellent teaching
2	Encouraging students to participate in competitions with rewarded bonus marks.	Increasing excellent students' competitiveness

6. Student Assessment:

6.1 Student Assessment Methods:

No.	Assessment Method	Choice	ILOs
1	Mid Term Examination	√	A ₀₄ , A ₁₉ , A ₂₃ , B ₀₄ , B ₁₀ .
2	Oral Examination	×	-
3	Practical Examination	×	-
4	Semester work	√	A ₀₄ , A ₁₉ , A ₂₃ , B ₀₄ , B ₁₀ , B ₂₀ , B ₂₁ , C ₁₉ , C ₂₁ , D ₀₁ , D ₀₃ , D ₀₇ , D ₀₉ .
5	Other types of assessment	×	-
6	Final Term Examination	√	A ₁₉ , A ₂₃ , C ₁₉ , C ₂₁ .

6.2 Assessment Schedule:

No.	Assessment Method	Weeks
1	Mid Term Examination	08 th
2	Oral Examination	×
3	Practical Examination	×
4	Semester work	2 nd - 7 th ; 09 th – 14 th
5	Other types of assessment	×
6	Final Term Examination	15 th



Course Specifications:
ARE7313 - Theories & Philosophy of Architecture 1



6.3 Weighting of Assessments:

No.	Assessment Method	Weights
1	Mid Term Examination	10%
2	Oral Examination	-
3	Practical Examination	-
4	Semester work	10%
5	Other types of assessment	-
6	Final Term Examination	80%
Total		100%

7. List of References

No.	Reference List
1	Lamont Moore, The First Book of Architecture. USA: Franklin Watts, Inc.
2	Banister Fletcher and Dan Cruickshank, Sir Banister Fletcher's a History of Architecture, Architectural Press, 20th edition, 1996. ISBN 0750622679
3	Curtis, William J. R. Modern Architecture Since 1900. Englewood Cliffs. New Jersey: Prentice-Hall, Inc., 1987.
4	Jencks, Charles, Architecture Today, Harry N. Abrams, Inc. 1982.
5	Kolb, David, Postmodern Sophistications - Philosophy, Architecture, and Tradition, University of Chicago Press 1990.
6	http://www.chipublib.org/
7	The course notes are to be prepared by groups of students after constant reviewing by the course coordinator.

8. Facilities Required for Teaching and Learning:

No.	Facility	Choice
1	Lecture Classroom	√
2	Lab Facilities	×
3	White Board	√
4	Data Show System	√
5	Visualizer	×
6	Smart Board	√

No.	Facility	Choice
7	Wireless Board	×
8	Presenter	×
9	Sound System	√
10	Wire-Internet	×
11	Wireless Internet	√
12	...	-

9. Matrix of Knowledge and Skills of the Course:

No.	Topic	Attributes	Knowledge & Understanding	Intellectual Skills	Professional Skills	General Skills
1	Course Orientation	07	A ₀₄	B ₀₄ , B ₁₀ ,	C ₁₉ ,	-
2	ARCHITECTURE FOR WORSHIP I	07	-	B ₂₀	-	-
3	ARCHITECTURE FOR WORSHIP II	07	A ₁₉	B ₂₀	-	-
4	ARCHITECTURE FOR WORSHIP III	07	A ₁₉	B ₂₀	-	-



Course Specifications:
ARE7313 - Theories & Philosophy of Architecture 1



5	ARCHITECTURE FOR LIVING I	10	A ₁₉	B ₂₀	-	-
6	ARCHITECTURE FOR LIVING II	10	A ₁₉	B ₂₀	-	-
7	ARCHITECTURE FOR EARNING	11	A ₂₃	B ₂₀	C ₂₁	-
8	Mid-Term Exam	07, 10, 11	-	-	-	-
9	ARCHITECTURE FOR GOVERNING	11	A ₂₃	B ₂₀	C ₂₁	-
10	ARCHITECTURE FOR PLEASURE AND LEARNING	11	A ₂₃	B ₂₀	C ₂₁	-
11	A WALK AROUND ST. MARK'S SQUARE	15	A ₂₃	B ₂₀	C ₂₁	-
12	SQUARES and PLAZAS	15	A ₂₃	B ₂₀	C ₂₁	-
13	Collective Group Presentations	15	-	-	C ₂₁	D ₀₃ , D ₀₇ , D ₀₉
14	Course Review	15	-	-	C ₂₁	D ₀₁ , D ₀₃

Course Coordinator: Associate Professor Dr. Sherif Ahmed Ali Sheta

Head of Department: Professor Dr. Mohammad Mohammad Taha Al-Azab

Date of Approval: