



## Course Specifications:

### ARE7416 - Elective 04 – Architectural Criticism & Competitions



#### 1. Basic Information

<b>Program Title</b>	Architectural Engineering
<b>Department offering the Program</b>	Architectural Engineering
<b>Department Responsible for the Course</b>	Architectural Engineering
<b>Course Title</b>	Elective 04 – Architectural Criticism & Competitions
<b>Course Code</b>	ARE7416
<b>Year/ Level</b>	Fourth Year – First Term
<b>Specialization</b>	Major
<b>Authorization date of course specification</b>	2005

<b>Teaching Hours</b>	<b>Lectures</b>	<b>Tutorial</b>	<b>Practical</b>
	2	2	0

#### 2. Course Attributes:

<b>No.</b>	<b>Attribute</b>
05	Use the techniques, skills, and appropriate engineering tools, necessary for engineering practice and project management.
08	Consider the impacts of engineering solutions on society & environment.
15	Demonstrate knowledge of cultural diversity, differences and the impact of a building on community character and identity.
16	Address urban issues, planning, and community needs through design work.

#### 3. Intended Learning Outcomes (ILOs):

##### a. Knowledge and Understanding:

<b>No.</b>	<b>Knowledge and Understanding</b>
A <sub>04</sub> .	Principles of design including elements design, process and/or a system related to specific disciplines.
A <sub>06</sub> .	Quality assurance systems, codes of practice and standards, health and safety requirements and environmental issues.
A <sub>08</sub> .	Current engineering technologies as related to disciplines.
A <sub>14</sub> .	Principles of building technologies, structure & construction methods, technical installations, properties of materials, and the way they may influence design decisions.
A <sub>15</sub> .	Fundamentals of building acquisition, operational costs, and of preparing construction documents and specifications of materials, components, and systems appropriate to the building.
A <sub>23</sub> .	Principles of sustainable design, climatic considerations, and energy consumption and efficiency in buildings and their impacts on the environment.

##### b. Intellectual Skills



**Course Specifications:**  
**ARE7416 - Elective 04 – Architectural Criticism & Competitions**



No.	Intellectual Skills
B <sub>16</sub> .	Reconcile conflicting objectives and manage the broad constituency of interests to reach optimum solutions.
B <sub>20</sub> .	Discuss, search and formulate informed opinions appropriate to specific context and circumstances affecting architecture profession & practice.

**c. Professional Skills**

No.	Professional Skills
C <sub>09</sub> .	Demonstrate basic organizational and project management skills.
C <sub>11</sub> .	Exchange knowledge and skills with engineering community and industry.
C <sub>21</sub> .	Respond effectively to the broad constituency of interests with consideration of social and ethical concerns.
C <sub>22</sub> .	Contribute positively to the aesthetic, architecture and urban identity, and cultural life of the community.

**d. General Skills**

No.	General Skills
D <sub>01</sub> .	Collaborate effectively within multidisciplinary team.
D <sub>03</sub> .	Demonstrate efficient IT capabilities.
D <sub>06</sub> .	Manage tasks and resources efficiently.
D <sub>09</sub> .	Refer to relevant literature effectively.

**4. Course Contents:**

No.	Topics
1	Introduction to Competitions and Architectural Criticism
2	Principles of Architectural Criticism
3	Approaches of Architectural Criticism
4	Aims and Development of Competitions and Architectural Criticism
5	Applications and Applied Projects

**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	×
8	Smart Sessions	√



**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 <sub>04</sub> , A <sub>08</sub> , A <sub>15</sub> , A <sub>23</sub> , C <sub>15</sub> , C <sub>20</sub> , C <sub>22</sub> .
2	Oral Examination	×	-
3	Practical Examination	×	-
4	Semester work	√	C <sub>09</sub> , C <sub>11</sub> , C <sub>21</sub> , C <sub>22</sub> , D <sub>01</sub> , D <sub>04</sub> , D <sub>06</sub> , D <sub>09</sub> .
5	Other types of assessment	×	-
6	Final Term Examination	√	A <sub>06</sub> , A <sub>08</sub> , A <sub>15</sub> , A <sub>23</sub> , B <sub>16</sub> , B <sub>20</sub> , C <sub>09</sub> , C <sub>11</sub> , C <sub>21</sub> , C <sub>22</sub> .

**6.2 Assessment Schedule:**

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

**6.3 Weighting of Assessments:**



**Course Specifications:**  
**ARE7416 - Elective 04 – Architectural Criticism & Competitions**



No.	Assessment Method	Weights
1	Mid Term Examination	10%
2	Oral Examination	-
3	Practical Examination	-
4	Semester work	20%
5	Other types of assessment	-
6	Final Term Examination	70%
Total		100%

### 7. List of References

No.	Reference List
1	إبراهيم، عبد الباقي. بناء الفكر المعماري والعملية التصميمية. القاهرة: مركز الدراسات التخطيطية و المعمارية ، ١٩٨٧.
2	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	Introduction to Competitions and Architectural Criticism	05	A <sub>04</sub>	-	-	-
2	Principles of Architectural Criticism	08	A <sub>06</sub> , A <sub>08</sub>	-	C <sub>09</sub>	-
3	Approaches of Architectural Criticism	08	A <sub>14</sub>	B <sub>16</sub>	C <sub>11</sub> , C <sub>21</sub>	-
4	Aims and Development of Competitions and Criticism	08	A <sub>15</sub> , A <sub>23</sub>	B <sub>16</sub> , B <sub>20</sub>	C <sub>21</sub> , C <sub>22</sub>	-
5	Applications and Applied Projects	08, 15,16	-	B <sub>20</sub>	C <sub>21</sub>	D <sub>01</sub> , D <sub>04</sub> , D <sub>06</sub> , D <sub>09</sub>

**Course Coordinator:** Professor Dr. Mohammad Salah El-Deen El-Sayed

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



**Course Specifications:**  
**ARE7416 - Elective 04 – Architectural Criticism & Competitions**



---

**Date of Approval:**