



**Philadelphia University**  
**Faculty of Engineering**  
**Department of Architecture**  
1<sup>st</sup> Semester, 2011/2012

**Course Syllabus**

<b>Course Title: graduation project 1</b>	<b>Course code: 660581</b>
<b>Course Level: 5<sup>th</sup> year</b>	<b>Course prerequisite (s) : 120 credit hours</b>
<b>Lecture Time:</b>	<b>Credit hours: 2</b>

**Academic Staff Specifics**

<b>Name</b>	<b>Rank</b>	<b>Office Number and Location</b>	<b>Office Hours</b>	<b>E-mail Address</b>
<b>Dr. Nawar Sami AL-ALI</b> <i>( coordinator )</i>	<i>Assistant Professor</i>			<i>Nawarsm5@yahoo.com</i>

**Course module description:**

This course is intending to introduce students to write an graduation thesis for an architectural realistic project. Also to strengthening their knowledge in architectural technical writing and research methodology.

**Course module objectives:**

- 1- To develop student's abilities to coin new and creative concepts in design.
- 2- To introduce students to thinking issues and to prepare them to participate in its development.

**Course/ module components**

This course is achieved through 6 hours working studios per week by specialized scholars.

• **Books (title , author (s), publisher, year of publication)**

A number of books are suggested at the end of this course syllabus.

- **Support material:** Students have to develop their own design approach via looking at different examples from library, Internet and by visiting similar projects.

**Homework and laboratory guide:**

Students must comply with the program of the project and must submit their design duties according to the attached schedule.

• **Teaching methods:**

A long term project is carried out through the whole semester. Students, in two design studios per week, should be provided with appropriate design methods together with extensive information to solve design problems. Different examples will be presented to developing, widening their thinking and enhancing their speculation and imagination.

Two sketch design, related to the project, will be conducted as exams during the semester.

**Learning outcomes:**

Knowledge and understanding

To build up abilities in designing three-dimensional multi function buildings.

Cognitive skills (thinking and analysis).

Develop personal abilities in design

Technical skills (personal and academic).

Architectural students will be able to communicate and interpret their own design with others.

**Assessment instruments**

A graduation thesis will be evaluated by a jury committee at the end of the semester; it will be graded according to the following table

Studio work in the long term project will be graded according to the following table

<b><u>Allocation of Marks</u></b>	
<b>Assessment Instruments</b>	<b>Mark</b>
Project	<b>40%</b>
1 <sup>st</sup> exam	<b>20%</b>
2 <sup>nd</sup> exam	<b>20%</b>
Studio work	<b>20%</b>
Total	<b>100%</b>

**Documentation and academic honesty**

- Students are requested to illustrate references whatever extracted from books, magazine or web sites, in order to respect the copyright protection and avoid plagiarism.

**Course/module academic calendar**

<b>Week No.</b>	<b>Dates</b>	<b>Requirements</b>	<b>Grades</b>
<b>1</b>		<b>Collecting data &amp; calculate areas of the elements of the project</b>	
<b>2</b>		<b>Program, data &amp; site analysis</b>	
<b>3 -6</b>		<b>Studio work, Concept, sketches design for plans, elevations &amp;</b>	

		<b>sections.</b>	
<b>6</b>		<b>Primal jury</b>	<b>10%</b>
<b>7</b>		<b>1<sup>st</sup> jury</b>	<b>20%</b>
<b>7-11</b>		<b>Reviewing jury notes &amp; sketches for internal perspectives.</b>	
<b>12</b>		<b>2<sup>nd</sup> jury</b>	<b>20%</b>
<b>12-14</b>		<b>External perspective &amp; reviewing the design of the project on A cad drawing</b>	<b>10%</b>
<b>15</b>		<b>Final jury</b>	<b>40%</b>
	<b>Total</b>		<b>100%</b>

**Notes:**

**Detailed program is indicated in Arabic and will deliver to students together with this syllabus.**

**Required drawings are indicated in the Arabic program.**

**Techniques of drawings and presentation are indicated in the Arabic program.**

**Students must comply with them.**

**Expected workload:**

On average students need to spend 6 hours in studio per week plus another at least 6 hours at home to develop their own projects

**Attendance policy:**

Absence from lectures and/or tutorials shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant college/Faculty shall not be allowed to take the final examination and shall receive a mark of

Zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

**Module references**

**Books examples**

- Time-Saver Standards
- Time saver Building Types
- Sleeper, H. Building Planning & Design Standards, John wiley & sons, N. Y.
- Baker, Geoffrey H (1993). Design Strategies in Architecture and Approach to the Analyses of Form, New York Van Nostrand Reinhold
- Danby, M.,(1963). Grammar of Architectural Design, Oxford University Press, London