

**The University of Jordan**  
**Faculty: Agriculture**  
**Department: Department of Horticulture and Crop Science**  
**Program:**  
**Academic 2015/2016 Fall Semester**

**Project on Design and Establishment of Landscape (601493)**

<b>Credit hours</b>	3	<b>Level</b>	Fourth year	<b>Pre-requisite</b>	-
<b>Coordinator / Lecturer</b>	Dr. Malik Al-Ajlouni	<b>Office number</b>	Greenhouse building	<b>Office phone</b>	22378
<b>Course website</b>	On UJ E. Learning portal @ Moodle LCM .	<b>E-mail</b>	<a href="mailto:m.ajlouni@ju.edu.jo">m.ajlouni@ju.edu.jo</a>	<b>Place</b>	Landscape Studio
<b>Lectures time</b>	10:00 a.m.- 1:00 p.m. Sunday	<b>Laboratory time</b>	-	<b>Teaching assistant</b>	-

<b>Office hours</b>					
<b>Day/Time</b>	<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>
<b>Day</b>		*		*	
<b>Time</b>		9:00-11:00		9:00-11:00	

**Course Description**

Student must prepare graduation project under staff member's supervision. This project will be evaluated by staff committee in the department.

**Learning Objectives**

- To expose students to the main landscape design process.
- To develop the experience of landscape students on designing landscape projects.
- To examine the capability of students to use several computer drafting software and 3D programs.
- To practice the students on drawing landscape construction documents.
- To encourage students to present and discuss their work on front of clients.

**Intended Learning Outcomes (ILOs):**

Successful completion of the course should lead to the following outcomes:

**A. Knowledge and Understanding:** Student is expected to

**A1-** Expose to the main landscape design process.

**A2-** Understand the project designing from client interview until the final design submission.

**A3-** Recognize the client needs and the site requirements and use them to develop a functional design.

**B. Intellectual Analytical and Cognitive Skills:** Student is expected to  
**B1-**Understand how to develop a design using the main landscape design process.  
**B2-**Know the clients need and the site requirements and use the solution in the proposed design.

**C. Subject- Specific Skills:** Students is expected to  
**C1-** Use the landscape design process to achieve functional design and guarantee the best aesthetic values for the proposed site.  
**C2-** Present a proposed design using manual and computer drafting to the client.  
**C3-**Expose to different cases of details and construction documents for the proposed design.

**D. Transferable Key Skills:** Students is expected to  
**D1-**Gain the knowledge and skills of using landscape design process to develop a proposed design.  
**D2-** Develop the best function and aesthetical solution for the proposed design using the final master plan and other construction document to the client.

**ILOs: Learning and Evaluation Methods**

<b>ILO/s</b>	<b>Learning Methods</b>	<b>Evaluation Methods</b>
<b>A.</b> Knowledge and understanding ( <b>A1-A5</b> )	Presentation and Discussions	Evaluation
<b>B.</b> Intellectual Analytical and Cognitive Skills ( <b>B1-B2</b> )	Presentation and Discussions	Evaluation
<b>C.</b> Subject Specific Skills ( <b>C1-C4</b> )	Presentation and Discussions	Evaluation
<b>D.</b> Transferable Key Skills ( <b>D1-D3</b> )	Presentation and Discussions	Evaluation

**Course Contents**

<b>Date</b>	<b>Topic</b>	<b>ILOs</b>
4 Oct.	Projects distribution	
18 Oct.	Client interview + Site survey and analysis + Conceptual plan	A1, B1
1 Nov.	Preliminary design	A2, B2, C1, D1
15 Nov.	Final design; hand drafting + Final design: poster and 3D shots	A3, B2, C2, D2
29 Nov.	Construction documents: grading and dimension plan, tiling plan, planting plan, lighting plan, and details plan	A3, B2, C3, D2
20 Dec.	Submission of Poster, construction documents, and CD.	A3, B2, C3, D2
27 Dec.	Posters exhibition	

### **Learning Methodology**

Participated students in this course are divided into groups. Each group consists of three to four students. In each group, the students will have the same project but they will work separately. Each student should present his/her work in a maximum period of 10 minutes.

### **Evaluation**

<b>Date</b>	<b>Topic</b>	<b>Point %</b>
4 Oct.	Projects distribution	
18 Oct.	Client interview + Site survey and analysis + Conceptual plan	15
1 Nov.	Preliminary design	15
15 Nov.	Final design; hand drafting + Final design: poster and 3D shots	20
29 Nov.	Construction documents: grading and dimension plan, tiling plan, planting plan, lighting plan, and details plan	20
20 Dec.	Submission of Poster, construction documents, and CD.	30
27 Dec.	Posters exhibition	

### **Main Reference/s:**

1. Harris, C. W. (1998). *Time-saver standards for landscape architecture: design and construction data* (2nd ed.). New York etc.: McGraw-Hill.
2. Booth, N., & Hiss, J. (2007). *Residential landscape architecture: Design process for the private residence*. Englewood Cliffs, N.J.: Prentice Hall.

### **Suggested Reference/s:**

Brookes, J. (1994). *The complete gardener* (1994 ed.). New York: Crescent Books

### **Intended Grading Scale (Optional)**

0-39	49-40	54-50	59-55	64-60	65-69	73-70	74-76	77-80	81-84	85-89	90-100
<b>F</b>	<b>D<sup>-</sup></b>	<b>D</b>	<b>D<sup>+</sup></b>	<b>C<sup>-</sup></b>	<b>C</b>	<b>C<sup>+</sup></b>	<b>B<sup>-</sup></b>	<b>B</b>	<b>B<sup>+</sup></b>	<b>A<sup>-</sup></b>	<b>A</b>