

[ARC363] Landscape Architecture

عمر ٣٦٣ – تنسيق المواقع وعمارة الأراضي

Course Code: ARC363	Title: Landscape Architecture
Course weight: 100 Marks	Examination weighting: 60 %
Prerequisite modules: None	
Reassessment: No restrictions.	
Course Leader: Prof. Ayman Hassaan Ahmed Mahmoud & Prof. Ahmed Amin	
Semester taught: One	
Key words: landscape, plantation, hardscape.	
Date of latest revision: August 2013	

Aims

The aim of this course is for students to understand the context and the process within which landscape environments are conceived and designed, from concept to scheme design stage and to apply this knowledge in a conceptual landscape design project.

يهدف المقرر لتعريف الطلاب بالخلفيات المعرفية والمهارات المختلفة اللازمة لتصميم تنسيق مواقع الفراغات الخارجية بدءاً من الفكرة الأساسية وحتى إعداد المخطط الابتدائي للتصميم ويتم ذلك من خلال مجموعة من المحاضرات والتطبيقات على مشروع تصميم موقع عام لأحد المشروعات المختارة.

Intended Learning Outcomes

Knowledge and understanding

On completion of this course students should be able to demonstrate knowledge and understanding of:

1. Elements of landscape architectural design;
2. Functional, aesthetic, social and environmental aspects of landscape architectural design.

Subject-specific cognitive skills

On completion of this course students should be able to/demonstrate ability in:

3. analyse information from primary and secondary sources to inform design development;
4. interpret this information to develop conceptual and schematic design proposals ;

Subject-specific practical skills

On completion of this course students should be able to/demonstrate ability in:

5. collect relevant sources of information for analysis and appraisal;
6. produce professional concept designs and proposals.

Key/transferable skills

On completion of this course students should be able to/demonstrate ability in:

7. produce professional presentation material based on design/briefing information;
8. work effectively within a group and communicate effectively with others;

Content

Elements of Landscape Architecture: Topography, pavement, plants, structures, water and walls. Aesthetic, functional, environmental and economic factors of Landscape Architecture. Theories of Landscape. Landscape design process. Application in a design project.

Methods of Learning, Teaching and Assessment

Total student effort for the course: 100 hours on average.

Teaching & Learning:

1. 14, 3h Lectures. This method informs learning outcomes 1, 2, 7, 8
2. 14, 3h Tutorials and Studio work. This method informs learning outcomes 3, 4, 5.

Assessment:

1. This course has 40% coursework consisting of two main assignments, undertaken in small groups as directed by the lecturer. Marks are given to assess individual contributions of team members.
 - a) A report (A2 size format) using illustrations and text (10%) and a 15-minutes PowerPoint presentation (5%) on functional, aesthetic, social and environmental aspects of one of the landscape elements (formative assessment). This method assesses learning outcomes 2, 3, 4.
 - b) Schematic design project (A2 size format) (25%). This method assesses learning outcomes 4, 5, 6, 7, 8.
2. A 180 minute unseen written examination (60%). This method assesses learning outcomes 2, 4, 6.

Reading List

- Booth, N., *"Basic Elements of Landscape Architectural Design"*, Waveland Press, (1983)
- Appleton, J. (2001), "The experience of landscape", John Wiley & Sons.