

Faculty of Engineering & Technology

Landscape Architecture

Information:

Course Code: ARC 453 Level: Undergraduate Course Hours: 3.00- Hours

Department : Department of Architectural Engineering

Instructor Information:

Title	Name	Office hours
Lecturer	DINA MAAROUF AHMED MOHAMED DIEFALLAH	1
Teaching Assistant	Salma Mohamed Eltohamy Elgendy	

Area Of Study:

Upon successful completion of the course, the student should be able to:

- 1. Develop landscape design process awareness (including data gathering and analysis).
- 2. Develop the ability to study, analyse and solve a complex of design problems that relate to the outdoor environment.
- 3. Develop drawing and representation techniques.
- 4. Present the vocabulary, significance, characteristics, potential uses and design guidelines for landform, buildings, pavements, site structures and water-features in landscape architecture design.
- 5. Gain a basic understanding of the significance and use of the major physical components of the outdoor environment.
- 6. Establish solid links between different disciplines of landscape architecture, architecture design and urban design.
- 7. Test different design alternatives.

Description:

This course introduces the approaches, techniques and tools of Landscape Architecture. This is to understand the different five elements of the landscape; landform, water, vegetation, site furniture and paths. The students will be able to apply the design process of the landscape ar projects of different scales.

Course outcomes:

a. Knowledge and Understanding: :

- 1 a1 Interpret elements of landscape design.
- 2 a2 Identify historical background of the worlds landscape.
- 3 a3 List different landscape architecture ideas and their applications in different projects.



b.Intellectu	ıal Skills: :			
1 -	b1 Evaluate different landscape projects			
2 -	b2 Generate alternative solutions according to different environmental conditions			
c.Professio	onal and Practical Skills: :			
1 -	c1 Design different landscape solutions and projects that integrate program, materials and Structure			
2 -	c2 Prepare detailed drawings of landscape architecture applications and site design			
3 -	c3 Express the ideas and concepts by 3d models			
d.General and Transferable Skills: :				
1 -	d1 Work in teams.			
2 -	d2 Use different techniques and photography with focusing on manual techniques to present concept and ideas.			

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Pin up of the structural plan + Discussion	4	0	4
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Teaching And Learning Methodologies : Lecture. Research



Class Work

Course Assessment :								
Methods of assessment	Relative weight %	Week No	Assess What					
Final exam	40.00		a1, a2, a3, a4, b1, b2					
Performance & Participation	10.00							
Year work: 1st Exercise	5.00							
Year work: First project	20.00							
Year Work: Second project	25.00							

Course Notes:

No course notes are required.

Periodicals:

"Total Landscape Care Magazine

"Landscape Magazine

"Lawn & Landscape, UK.

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"Landscape Magazine

"Lawn & Landscape, UK.

Landscape Architecture, magazine of the American Society of Landscape Architects

"Fine Gardening American magazine

%Canadian Gardening ÆCanadian magazine.

"Morticulture-ÁThe Art & Design of smart gardening magazine, UK.

″Á⁄The English Garden+É∕UK.

"ÁGontractor Landscape + Landscape Manager Magazine+ÊAustralia.

"Á⁄Easy Container gardens-lÁnagazine.

″Á⁄kuxúry Landscapes+É⁄America.

"Winhe Essential Guide to Landscape Photography has produced by the experts at Digital SLR Magazine.

"MOLA+ÁJournal (International Journal of Landscape Architecture)

Web Sites:

http://www.gardendesign.com/ Ánttp://www.informationvine.com/home-garden/outdoor-living/landscaping/bestmagazines-landscape-design-ideas Ánttp://www.thebutterflysite.com/gardening.shtml Á http://www.freeconstructionmagazines.com/landscape-magazines/