



Course File Summary (2013-2014 Second Semester)

Course Information:

Course Title:	Landscape Architecture
Code:	AR 546
Hours:	Lectures: 2 Tutorials: 2 Credits: 3
Prerequisites:	AR 313 or AR 323
Lecturer:	Dr. Osama Tolba, Dr. Manal Abou El-Ela
Assistants:	Arch. Yomna Ghazy, Arch. Azza El Nahas, Arch. Dina El Mehelmy and colleagues
Room:	A312, BDH01

Grading:

Class Performance / Attendance	10%
Midterm # 1/ Assignments: (7 th week)	30%
Midterm # 2/ Assignments: (12 th week)	20%
Final Exam/Project	40%

Course Description:

Fundamentals of landscape architecture, study of the relation between landscape and architectural design. Students are introduced to the study of exterior spaces as they relate to and complement building designs. Theoretical and historical background of landscape design, site analysis, environmental issues, and plant materials. Landscape elements and classification, landform, plant life, microclimate, land use and land preservation, elements and methods of landscape design. Study of aesthetic and functional values. Typical projects might include gardens, plazas, playgrounds, memorials and other small spaces.

Textbook:

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- Norman K. Booth and James E. Hiss. *Residential Landscape Architecture: Design Process for the Private Residence*, 6th edition. Prentice Hall, 2011.

Reference Books: (Available at AASTMT Cairo Library)

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- Nicholas T. Dines and Kyle D. Brown. *Landscape Architect's Portable Handbook*. McGraw-Hill, 2001. Call number: REF 712.303 DI-LA
 - Clemens Steenbergen and Wouter Reh. *Architecture and Landscape: The Design Experiments of the Great European Gardens and Landscapes*. Prestel, 1996. 712.094090 ST-AR
 - Charles W. Harris and Nicholas T. Dines, editors. *Time-Saver standards for Landscape Architecture: Design and Construction Data*, 2nd edition. McGraw-Hill, 1998. 712.0218 HA-TI 98
 - Jerry Harpur and David Stevens. *Roof Gardens, Balconies and Terraces*. Mitchell Beazley, 1997. 712 ST-RO
 - Jan Birksted, ed. *Relating Architecture to Landscape*. E & FN Spon, 1999. 712 BI-RE (multiple copies)
 - Made Wijaya. *Tropical Garden Design*. Thames & Hudson, 1999. 712 WI-TR
 - John C. Krieg. *Desert Landscape Architecture*. CRC Press, 1999. 712.09154 KR-DE
 - Richard L. Austin. *Elements of Planting Design*. John Wiley & Sons, 2002. 715 AU-EL
 - Charles W. Moore and Jane Lidz. *Water + Architecture*. Thames & Hudson, 1997. 714 MO-WA

Web Sites:

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- CSBE: <http://www.csbe.org/e-publications-resources/articles-and-lectures-on-landscape-design/material-on-water-conserving-landscapes/plant-lists-2/>
 - ASLA: <http://www.asla.org/2013awards/index.html>

Course Outline:

Week 1:
Introduction/History of Landscape Architecture

Week 2:
Site and Context

Week 3:
Landscape Morphology

Week 4:
Material I: Soft Landscape

Week 5:
Landscape Graphics

Week 6:
Material II: Hard Landscape and Furniture

Week 7:
1st Midterm Exam (or Project Evaluation)

Week 8:
Field Trip (Al-Azhar Park)

Week 9:
Project Planting Design

Week 10:
Project Hardscape and Furniture

Week 11:
Project Detailing

Week 12:
2nd Midterm Exam (or Project Evaluation)

Week 13:
Project Follow-up

Week 14:
Final Project Submission

Week 15:
Discussions

Week 16:
Final Exam
