



University/Academy: Arab Academy for Science, Technology & Maritime Transport
Faculty/Institute: College of Engineering & Technology
Program: B.Sc. Architectural Engineering and Environmental Design

Form no. (12): Course Specification

1- Course Data

Course Code: AR 544	Course Title: Interior Landscape Architecture	Academic Year/Level: 5th year / 9th semester
Specialization: Interior Design	No. of Instructional Units Credit 3 Lecture 2 Tutorial 2	Prerequisite AR415

2- Course Aim

This course introduces fundamentals of interior landscape architecture. Students are introduced the study of interior spaces as they relate to and complement building designs. Theoretical and historical background of landscape design, space analysis, and plant materials are explained. Landscape elements and classification, plant life, microclimate: elements and methods of landscape design; aesthetic and functional values are studied. Typical projects might include interior gardens, plaza, play ground, memorials and other small spaces are prepared.

The course aims to:

- Provide the student with the main knowledge & the principles, processes, media, tools and skills necessary for practice of internal landscape design.

3- Intended Learning Outcomes

a- Knowledge and Understanding	Through knowledge and understanding, students will be able to: <ul style="list-style-type: none">• Demonstrate understanding of the interior landscape design elements, methods and systems.• Demonstrate understanding of the interior landscape as a form of beautiful art that combines the public space with a sense of luxurious private.
b- Intellectual Skills	Through intellectual skills, students will be able to: <ul style="list-style-type: none">• Implement the interior landscape design process.• Analyze interior landscape problems finding alternatives and choosing the most appropriate solutions.• Innovate new and aesthetically pleasing interior designs.
c- Professional Skills	Through professional and practical skills, students will be able to: <ul style="list-style-type: none">• Produce appealing well presented ideas (visually, graphically...etc)• Examine the common plants of the region, their growth and botany.• Assess the role of a range of professions relevant to the interior landscape environment.
d- General Skills	Through general and transferable skills, students will be able to: <ul style="list-style-type: none">• Present different interior landscape elements, scientifically, logically and beautifully.• Present research, discusses findings, and defends his /her ideas.• Communicate effectively verbally and through drawings and models.

4- Course Content

Week No.1	Definition of Interior Landscape, Scale (key success designer Homeland - and interaction with planning Homeland, - landscapes and History - scene place - Landscape and aesthetic
Week No.2	Historical review & Elements of Landscape design: Historical brief, Elements of Landscape design (Plant Materials- Landform- Building-Pavement & site Structure – Water), Environmental Design stages ,Landscape as Professional (Designer – Construction - Marketing – Conservation)
Week No.3	Parks planning models: (Architectural style - the natural style - mixed model - modern style)
Week No.4	Soil (Soil maps- Desert soil), Significance, Aesthetic character, Special Sensitive, Drainage, Climate, Expression of Landform.
Week No.5	Types of gardens used in the internal coordination: Roof gardens Roof Gardens Gardens balconies and windows Window Gardens Garden pots glass Alaspth outstanding Hanging Baskets
Week No.6	Plant materials: Plant Form(Spreading – Rounded- Pyramidal- Weeping- Picturesque- Palm), Plant color, Foliage Type (Deciduous- Evergreen), Plant Texture (Coarse texture- Medium texture- Fine texture).
Week No.7	Continuation of the previous lecture and evaluation.
Week No.8	Plant species Appropriate plants with different spaces of the house (Entrance to the house and hall - Reception room - office room - bedroom - dining - kitchen - bathroom)
Week No.9	Water Park in Interior Architecture Water Definition, Water as Landscape element (General Characteristics- General Uses of Water- Visual Uses of Water).
Week No.10	Building Clusters and Spatial Definition (Distance to Building Height Ratio- Plan Arrangement - Building Character).
Week No.11	Fine values of plants: Aesthetic Uses of Plant Material(Complementors - Unifiers- Softener- Acknowledgers- View Enfacement), Planting Design Process and Principles
Week No.12	Continuation of the previous lecture and evaluation.
Week No.13	Site structures: Civil Work (Grading Techniques - Site Drainage - Pavement), Planting Work (Nursery Technique - Planting Technique - Irrigation), Electro-Mechanic Work, Site Furniture and features.
Week No.14	Landscape process: Project acceptance, Research and analysis (include site visit), Design, Construction drawings, Implementation, Post-construction evaluation, Maintenance, Intermediate Scale Projects.
Week No.15	Criteria for selection of elements "Allandskyb" natural usable in Interior Architecture Maintaining the Landscape.

5- Teaching and Learning Methods

The course comprises a combination of lectures, case study analysed, site-visits, research assignment, project work, and discussion sessions.

6-Teaching and Learning Methods for Students with Special Needs

- Consulting with lecturer during office hours.
- Consulting with teaching assistant during office hours.
- Private sessions for redelivering the lecture contents.
- For handicapped accessibility, please refer to program specification.

7- Student Assessment

Asses No.	Procedures used		Start Week No.	Subm. Week No.	Weighting of Asses.
	Type	To assess			
1	Assignment	Knowledge and understanding.	2	4	5%
2	Research	Knowledge and intellectual skills.	4	8	5%
3	Exam.	Knowledge and understanding.	7	7	20%
4	Assignment	Intellectual and practical skills.	8	10	10%
5	Exam.	Intellectual and transferable skills.	12	12	10%
6	Assignment	Intellectual and practical skills.	12	13	10%
7	Final Exam.	All skills.	16	16	40%
Total					100%

8- List of References:

a- Course Notes	Students are encouraged to take notes.
b- Required Books (Textbooks)	<ul style="list-style-type: none"> • John, L. MOLTOCH, <i>Introduction to Landscape Design</i>, John Wiley & Sons, INC-USA-2001
c- Recommended Books	<ul style="list-style-type: none"> • BOOTH, Norman & Hiss James, <i>Residential Landscape Architecture</i>, Pearson Prentice Hall, USA, 2005 • Gao Xuemei Ed, <i>Classics of Landscape Design in China V1 V2</i>, Pub. SML, Hong Kong, 2006. • Group Han, <i>Landscape Architect</i>, Arch world, 2003. • Harris, W, & Dines. N, <i>Time-Saver standards for Landscape Architecture</i>, Mc Graw Hill, USA, 1998 • James Grayson Trulove, <i>40: Landscapes</i>, Rockport Publishers, USA, 2003 • Kim, Min-hye.Ed, <i>Indoor Landscape</i>, Pub. Capressco, Seoul Korea, 2006 • Lee Yun-Jung, <i>Landscape Design Park</i>, Pub. ARCHI World, Korea, 2006 • MARSH, William M, <i>Landscape Planning: Environmental Applications</i>. 3rd edition, Welly, NY, 1998 • Reid, G.W. L., <i>Landscape Graphics</i>, Whitney Library of Design, 1987 • SIMONDS, J, O, <i>Landscape Architecture</i>. 3rd Edition, Mc Graw Hill, USA, 1998 • SIMONDS, John, <i>Garden Cities</i>, McGraw Hill, USA, 1994 • The Garden Book, <i>The Garden Book</i>, Phaidon, London, 2000 • WALKER, Peter & Partners, <i>Defining the Craft</i>, Thames & Hudson, China, 2005
d- Periodicals, Web Sites, etc.	N/A