



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 502	Course Title: Interior Design Graduation Project	Academic Year/Level: 5th year/10th semester
Specialization: Interior Design	No. of Instructional Units Credit 12 Lecture 6 Tutorial 18	Prerequisite AR512 & AR553

2- Course Aim

The student proceeds to design the project of his choice. This comprehensive interior design project is the culmination of the student's education. The student must present new concepts and imaginative solutions based on real problems. The project is presented in a series of drawings, perspectives and models.

The course aims to:

- Emphasis an understanding of the role of interior designer and links between the practice of the profession of architecture and interior design
- Assist the student to interact with the built and natural environments, interrelationships between interior design and human activities in multi-dimensional space.
- Provide graduates equipped to determine the selection of his/her architectural design and interior project, and apply interior design principles in that project.

3- Intended Learning Outcomes

a- Knowledge and Understanding	Through knowledge and understanding, students will be able to: <ul style="list-style-type: none">• Explain the development of the new interior design theories, technical schools, and trends.• Explain the interaction between internal and external environments; and interrelationships between internal design and human activities in multi-dimensional space.• Understand the nature of the physical environment, its components and operation.• Mention the relationship between function, form and dimensions.• Appreciate the comprehensive design philosophy.
b- Intellectual Skills	Through intellectual skills, students will be able to: <ul style="list-style-type: none">• Develop comparative thinking between different interior design schools, philosophies directions and theories.• Analyze the influencing factors affecting the internal architecture and the surrounding environment.• Analyze and deal with problems of internal design under different circumstances, and find alternatives and choose the most appropriate solutions for those problems.
c- Professional Skills	Through professional and practical skills, students will be able to: <ul style="list-style-type: none">• Present different subjects scientifically, logically and genteelly.• Understand professional conduct and ethical responsibility.• Use computer aided design and related software.

d- General Skills	<p>Through general and transferable skills, students will be able to:</p> <ul style="list-style-type: none"> • Present interior projects in seminars or group meetings, discuss results, defend his/her ideas, and communicate effectively in writing, verbally and through drawings and models. • Independently seek knowledge, set aims, targets, objectives and plan to meet them with a deadline (time management). • Adopt an open-minded approach in the appraisal of internal design issues, requirements and opportunities. • Listen and critically respond to the views of others.
--------------------------	--

4- Course Content

Week No.1	Selection of an architectural design project.
Week No.2	Functional relationships studies and zoning
Week No.3	Initial schematic design for the concept (1)
Week No.4	Initial schematic design for the concept (2)
Week No.5	Initial schematic design for the concept (presentation)
Week No.6	Initial detailed sketch design
Week No.7	Detailed sketch design (presentation)
Week No.8	Design development
Week No.9	Design development & presentation (1)
Week No.10	Design development & presentation (2)
Week No.11	Comprehensive development & revision
Week No.12	Final submission of detailed sketch design
Week No.13	Presentation (1)
Week No.14	Presentation (2)
Week No.15	Final submission
Week No.16	Oral examination

5- Teaching and Learning Methods

The course is managed through supervised tutorials with lecturers and assistants and independent study.

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

Students must present:

At least 6 sketches for their project under the supervision of tutors.

A portfolio during the oral examination (final Jury) which will demonstrate the learning outcomes throughout the academic semester and a selection of previous phases of the projects in appropriate form of documentation and presentation. Methods of documentation may include: drawings; photographic material; multi-media material; quantitative & qualitative data; 3 D models or prototypes; web-based material. All presented work should be recorded in graphic form and explained to a standard suitable for assessment purposes.

Asses No.	Procedures used		Start Week No.	Subm. Week No.	Weighting of Asses.
	Type	To assess			
1	Project	Intellectual and practical skills Transferable skills	1	3	20%
2	Project	Intellectual and practical skills	4	7	20%
3	Project	Intellectual and practical skills	8	12	20%
4	Oral exam.	All skills	12	16	40%
Total					100%

8- List of References:

a- Course Notes	N/A
b- Required Books (Textbooks)	<ul style="list-style-type: none"> • NEUFERT, Ernst, <i>Architect's Data</i>- 2nd Ed., Oxford: Blackwell, 1980. • BROOKER G., STONE S., <i>Interior Architecture 02, context + environment</i>, AVA publishing SA, Switzerland.
c- Recommended Books	<ul style="list-style-type: none"> • BARR, Vilma Francis, <i>Interior Design Illustrated</i>, John Wiley & Sons, N.Y, 1987. • BURDEN Ernest, <i>Entourage: A Tracing File for Architecture and Interior Design Drawing</i>, N.Y., Mcgraw Hill, 3rd Ed, 1996. • DONG Wei, <i>Color Rendering: A Guide for Interior Designers and Architects Concept, Exploration and Process</i>, Mcgraw Hill, N.Y., 1997. • MASSEY Anne, <i>Interior Design of the 20th Century</i>, Thames & Hudson, London, 1990. • MILLER Mary, <i>Color for Interior Architecture</i>, Wiley, N.Y., 1997. • PILE John F, <i>Interior Design. 2nd Ed.</i>, Harry N. Abrams Inc. Pub., N.Y., 1995. • TAYLOR Lesley, <i>Interior Design Illustrated</i>, London, North Holand, 1998. • VERNON Mays, <i>Offices + Workspaces</i>, Rockport Publisher, Canada, 1998.
d- Periodicals, Web Sites, etc.	N/A