



**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: <b>AR 327</b>	Course Title: <b>Interior Design Principles</b>	Academic Year/Level: <b>3<sup>rd</sup> year / 5<sup>th</sup> semester</b>
Specialization: <b>Architecture</b>	No. of Instructional Units Credit <b>2</b> Lecture <b>1</b> Tutorial <b>3</b>	Prerequisite <b>AR326</b>

#### 2- Course Aim

Space is the essential element in interior design. This space gives life to the architecture which houses it. This course is a visual study of the nature of this interior setting. Fundamental element which make up our interior environments. Characteristics of each element. Emphasis is placed on basic design principles and how design relationships determine the functional, structural, and aesthetic qualities of interior spaces. Study of the design process

**The course aims to:**

- Enhance the student's practical skills way of thinking which is based on knowledge of the basics of design that include the study of the form, space and Movement.
- Provide the student with the main knowledge of dealing with and integrating interior design materials, natural & artificial.

#### 3- Intended Learning Outcomes

<b>a- Knowledge and Understanding</b>	<b>Through knowledge and understanding, students will be able to:</b> <ul style="list-style-type: none"> <li>• Classify the fundamental elements which make up the interior environment through the application of the Theories, Order and Data.</li> <li>• Match and apply his understanding of proportions &amp; scale within the interior design</li> <li>• Match colors, light and materials and how to apply in the interior space to satisfy the functional requirements and design concept</li> </ul>
<b>b- Intellectual Skills</b>	<b>Through intellectual skills, students will be able to:</b> <ul style="list-style-type: none"> <li>• Innovate through a systematic process of interior design</li> <li>• Plan the element of form as the primary tool of the designer, select, test and manipulate the design principles into coherent, meaningful and useful organizations of space, structure and enclosure.</li> <li>• Design, investigate and develop the concept of three- dimensional objects along with the design principles, materials, colors and lighting techniques.</li> <li>• Suggest and understanding of the elements based both inside and outside of the existing building that influence and affect the interior space</li> </ul>
<b>c- Professional Skills</b>	<b>Through professional and practical skills, students will be able to:</b> <ul style="list-style-type: none"> <li>• Produce graphical presentation and analysis, through computer or freehand presentation</li> <li>• Prepare and present arguments and illustrative materials in a variety of written, graphic, and oral formats and with a high level of competence</li> <li>• Prepare interior design drawings and presentation.</li> <li>• Use IT skills.</li> </ul>

<b>d- General Skills</b>	<p><b>Through general and transferable skills, students will be able to:</b></p> <ul style="list-style-type: none"> <li>• Work in an interdisciplinary environment and elaborating with others.</li> <li>• Exercise initiative, original thought and independence, within a system of personal values.</li> <li>• Listen to and evaluate the opinions and values of others.</li> <li>• Discuss and present designs of different parameters effectively</li> <li>• Carry out self-learning sessions, as well as manage his time and meet deadlines on an individual level.</li> <li>• Appreciate and acquire lifelong learning.</li> </ul>
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#### 4- Course Content

<b>Week No.1</b>	Project 1 Introduction to concept and principles of interior design. Project 1 definition & research.
<b>Week No.2</b>	Elements of Interior design.
<b>Week No.3</b>	Elements of Interior design (Form).Project and Research development.
<b>Week No.4</b>	Elements of Interior design (Form & Space).
<b>Week No.5</b>	Elements of Interior design (Organisation).Project development
<b>Week No.6</b>	Elements of Interior design (Circulation).
<b>Week No.7</b>	Elements of Interior design (Material & Texture).Pre- final Submission.
<b>Week No.8</b>	Elements of Interior design (Light & Color).Final Submission.
<b>Week No.9</b>	Elements of Interior design (Light & Color).Project 2: Students are asked to collect data and ideas.
<b>Week No.10</b>	Elements of Interior design (Proportion and Scale).
<b>Week No.11</b>	Interior design principles.
<b>Week No.12</b>	Design Process.
<b>Week No.13</b>	Context and the Interior.
<b>Week No.14</b>	Environment and the Interior/new interior.
<b>Week No.15</b>	Sustainability and the existing Interior.

#### 5- Teaching and Learning Methods

<p>The course comprises a combination of: Lectures, information collection, student independent study and tutorials that provide support and advice to the students on their exercise work. Lectures impart practical knowledge and introduce parameters within which the exercises should be developed. Independent study; Students are encouraged to develop an ability to exercise initiative, original, thought and independence as solutions are developed and designed for complex interior problems. Tutorials: provision of continuous support to ensure the progress of individual students against the requirement to produce work to a specific timetable.</p>
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## 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: A3 sheet for each lecture, analyzing and presenting the idea of the previous lecture, the presentation should includes; analysis, pictures as examples, sketches, drawings and perspectives for what the student concluded trough the lecture. Under the supervision of the tutors.

Two hours final exam for each semester.

Students prepare their portfolios at the final jury which will demonstrate the learning outcomes throughout the academic semester and a selection of previous phases of the exercises in an appropriate form of documentation and presentation. Methods of documentation may include drawings; photographs; multi-media material; quantitative & qualitative data; 3D models or prototypes - Students prepare their portfolios at the final jury which will demonstrate the learning outcomes throughout the academic semester and a selection of previous phases of the projects in an appropriate form of documentation and presentation. Methods of documentation may include drawings; photographs; multi-media material; quantitative & qualitative data; 3D models or prototypes all work should be recorded digitally and presented to a standard suitable for an assessment purposes.

Asses No.	Procedures used		Start Week No.	Subm. Week No.	Weighting of Asses.
	Type	To assess			
1	Assignment	Knowledge and understanding.	1	6	10%
2	Portfolio exam.	Knowledge and practical skills.		7	5%
3	Project	All skills.		8	15%
4	Assignment	Knowledge and understanding.	9	12	15%
5	Project	All skills.		15	20%
6	Portfolio exam.	All skills.		15	5%
7	Drawing exam.	Knowledge and intellectual skills.		16	30%
<b>Total</b>					100%

## 8- List of References:

<b>a- Course Notes</b>	N/A
<b>b- Required Books</b> (Textbooks)	<ul style="list-style-type: none"> <li>• D.K CHING, Francis, <i>Architecture: Form, Space &amp; Order</i>, van Nostrand, N.Y.</li> <li>• Graeme Brooker, Sally Stone, <i>Interior Architecture 02, context + environment</i>, AVA publishing SA, Switzerland.</li> </ul>
<b>c- Recommended Books</b>	<ul style="list-style-type: none"> <li>• Sibylle Kramer, <i>Fair design, Architecture for exhibition</i>, Braun, Germany 2009</li> <li>Daniel Pavlovits, <i>Interiors Now</i>, Images publishing</li> </ul>
<b>d- Periodicals, Web Sites, etc.</b>	N/A