

ERASMUS+ PROGRAMME Project Number: 610238-EPP-1-2019-1-JOEPPKA2-CBHE-JP

Project Title: traditional craft Heritage training, design and marketing in Jordan and Syria

Course Outline

Module 1 – Interior Design

Authors	Training and Technical Group (TTG) Scientific and Supervising Committee (SC)
WP Number	WP5 / DEVELOPMENT Make traditional crafts skills competency development an integrated part in Teaching
WP Leader	UNIFI
Course Offered by	ZUJ, MU, ABU, TU
Total number of pages	8

Project Coordinator

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Al-Zaytoonah
University of
Jordan



The University of Jordan



Jordan University of
Science and
Technology



The Hashemite University



Karmeh Design Studio



Tishreen
University



جامعة
المنارة
Manara University



Al-Baath University



World University Service
of the Mediterranean



Blue Room Innovation



CESIE



Università degli Studi di
Firenze



Università degli
Studi Guglielmo
Marconi



Technische Hochschule
Ostwestfalen-Lippe

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INTERIOR DESIGN, COURSE SYLLABUS					
Course Code		Course Title	INTERIOR DESIGN	Cr.hr. ECTS	3 6
Class Room		Time			
		Semester			
Instructor(s)			Email:		Phone:
Office Hours	As assigned in instructors schedules on the system & in front of their offices doors				

COURSE DESCRIPTION: (ACCORDING TO THE CURRICULUM):

A design studio intended to introduce students to the basic psychology of designing spaces and the various aspects and considerations involved in practice of residential, commercial and a service design . It provides knowledge related to the solutions for interior design and architecture. The topics that are typically covered include the importance of design, the meaning and definition of design, the fundamental elements related to interior design in 2D along with their definitions. The course also focuses on how to employ traditional elements (decorations, paving, domes, arches, etc.) in contemporary designs with a reformulation of materials and colors.

In this course students learn about the qualities of materials, their potential sustainability and appropriate application. It focuses in practical experimentation informed by the use of materials, technologies and production processes to obtain a successful furnishing. Students learn how laser and CNC machines are used in the prototypes manufacturing and decorations implementation and accessories which can be added to the products. They will also study the roles that designers play, and the impact design can have on social, physical, environmental and commercial contexts. The course concentrate on developing student's creative, technical and marketing skills required for employment in engineering companies specialized in designing furniture.

COURSE OBJECTIVE:

The objectives of this course cover the following points:

1. Interior design principles: unity, symmetry proportion, balance, hierarchy, scale, contrast, rhythm, focus, harmony, creation of repetitive patterns.
2. Elements and materials of design: Materials and their uses, Color, Lighting, Textiles, Furniture, Accessories, art and signage.
3. Interior design process: gathering and analyzing information, developing a design concept, make the necessary drawings (plans, details, sections and sketches), digital illustration of the design using digital programs such as (Photoshop, SketchUp, and CAD).
4. Focus on methodological and technical approaches to design.
5. Learn with an understanding of various interior designs.

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6. Help students understand aspects such as furnishing, materials used and elements and principles of design
7. Understand the revolutionizing trends of interior design by keeping in mind the varying tastes and preferences of different demographics and cultures.
8. Develop talents in creative and artistic skills and apply an imaginative and unconventional approach to interior design.
9. Students acquire in-depth knowledge through regular interaction with industry experts and the opportunity to participate in exhibitions and workshops.
10. The course covers the technical aspects of surface and structural materials in relation to function and appropriate application in the interior environment.
11. The course increases professional competence in the area of interior materials and their application, enhances ability to work as a team and enhances communications skills (written, graphic, and oral).
12. Technological competence is supported through product research using the internet.
13. Teamwork and leadership skills are developed through the activity of functioning as a design team to present product research and problem-solving.

STUDENT PERFORMANCE CRITERIA:

Based on NAAB 2014 Student Performance Criteria for Accreditation:

- A.2 Design Thinking Skills: Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test alternative outcomes against relevant criteria and standards.
- B.4 Technical Documentation: Ability to make technically clear drawings, write outline specifications, and prepare models illustrating and identifying the assembly of materials, systems, and components appropriate for a building design..

Based on HANDS Learning Outcomes:

- LO4: Develop creative solutions by integrating traditional craft elements into contemporary design projects.
- LO9: Considerations in the design, production, and marketing of traditional crafts, considering issues such as cultural appropriation and fair trade practices.
- LO12: Explore creative expression and innovation within traditional craft design. This involve experimentation with materials, techniques, and forms to create contemporary interpretations of traditional crafts.
- LO15: Ability to effectively communicate the design ideas, concepts, and processes both visually and verbally. This includes skills in sketching, prototyping, documentation, and presentation techniques relevant to traditional craft design.
- LO19: Apply traditional design principles to the manufacturing processes, ensuring that design work reflects the aesthetic and functional qualities inherent in traditional craft objects. This includes considerations of form, function, ornamentation, and cultural symbolism.

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COURSE CONTENT:

Week #	Topic	Type	Grading
W1	Introduction to Interior Design and Decoration		
W2	Interior design fundamentals	Project 1	Total 20%
W3	Elements and Principles of Design		
W4	Functional and Decorative Use of Colour		
W5	Lighting Effects on Colour		
	Materials		
W6	Furnishings	Project 2	Total 40%
W7	Interior Planting		
W8	Architectural Traditional elements		
W9	Design prototyping and presentation skill		
W10	Form, function and ornament		
	Residential interior design project		
W11	Commercial interior design project	Final Project	Total 40%
W12	Service interior design project		
W13	History of Traditional products & furniture		
W14	Furniture design Fundamentals		
W15	Final submission of the final project according to the dep. Schedule		
* For each project: the specific schedule is within the project description.			

GRADING:

- Grading will be based on class work and participation, and projects, assignments and quizzes. 60% of your total grade is the accumulation of grades earned on projects divided by two main projects, in addition to the final project (40%) as follow:

No.	Type	Start Week	Submit. Week	Weight
1	Project # 1:	1	5	30%
2	Project # 2:	5	10	30%
TOTAL				60%
3	Project # 3: final project:	10	15	40%
TOTAL				100%

- All lectures and project demonstrations take place at the beginning of the class time and will not be repeated. When you are absent or late it is your responsibility to get the missed work from your classmate.
- Portfolio and Documentation of Design Work:** Students are required to document all studio work in Digital copies of design work.

REFERENCES:

- References:**
- Rob Thompson, Product and Furniture Design (The Manufacturing Guides), April 1, 2011
- Emilio Pimentel-Reid, Bold British Design: Creating a Fearless, Modern Living Space Hardcover , June 23, 2020

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- -Robert W. Lang, Drawings for Craftsman Furniture, Revised & Expanded Second Edition: Authentic and Fully Detailed Plans for 61 Classic Pieces (Fox Chapel Publishing) ,March 2, 2020
- Tom Carpenter, Wood working: The Complete Step-by-Step Guide to Skills, Techniques, and Projects, 2019
- Randy Johnson, How to Make Outdoor & Garden Furniture: Instructions for Tables, Chairs, Planters, Trellises & More from the Experts at American Woodworker, 2013
- Alan Garbers, From Tree to Table: How to Make Your Own Rustic Log Furniture, 2019. **Handouts:** To be introduced and handed to the students as needed.

ATTENDANCE POLICY:

Attendance policy:

- Attendance will be checked at each class and the university regulations will be strictly followed for student exceeding the maximum rate of absences.
- Late attendance will be considered as an absence.
- Late submissions will not be considered.
- Submissions without follow up with the direct instructor will not be evaluated.

CHEATING POLICY:

Cheating is not tolerated and against the university rules. Cheating will result in failing the course and reporting the incident to the dean of the college of architecture and design.

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List of Suggested Projects in Accordance with HANDS LOs

Week	Project / Task	points
2-3	<p>Project 1: Residential interior design project Using equipment at HANDS workshops Description of Project 1:</p> <ul style="list-style-type: none"> - learn the fundamentals of residential design techniques and philosophies are integrated seamlessly with the learning of digital representation. - study the effects of light, color, furniture and decorative objects in residential design. - study the effects of light, color, furniture and decorative objects in residential design. <p>Lecture:</p> <ul style="list-style-type: none"> - Residential interior design principles. - Different residential design styles. - Residential furniture and their dimensions. - Examples of a range of residential interior designing styles. <p>Project follow up</p> <ul style="list-style-type: none"> <input type="checkbox"/> Analyzing the suggested elements, 	
2-3	<p>Project 2: interior space design with traditional / contemporary craft item</p> <ul style="list-style-type: none"> <input type="checkbox"/> Description of Project 2: <p>Each student will design a single family residence in the following steps:</p> <p>Idea sketching. Beginning a floor plan and residential space planning. Drawing plans in CAD programs. Selecting furnishings and their materials. Arranging the various furnishing elements. Arranging lights and design the residence ceiling. Controlling lights and materials. Building a digital model. Using Photoshop to finalize the project. For the final presentation students will deliver the following components for the craft furniture items:</p> <p>Residence plans with furniture plan(s). Two crossed sections with furniture. C. Three-dimensional digital models of primary spaces. D. Sketches of preliminary design ideas. E. Written concept statement.</p>	

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3	<p>Project (3): Craft Work / furniture in Commercial interior design project</p> <p>Lecture:</p> <ul style="list-style-type: none"> - Introduced to commercial design and decoration with a focus on design parameters, the scope of services, and the latest trends of commercial space. - study the effects of light, color, furniture and decorative objects in residential design. - study the effects of light, color, furniture and decorative objects in residential design. <p>Students will design the interior of a small commercial space such as (café, art gallery or a boutique) in a traditional Islamic style and present it as a project.</p> <ul style="list-style-type: none"> - Commercial interior design principles. - Different commercial design styles with the concentration on the traditional Islamic style. - Various types architecture traditional elements and how to implement them in contemporary design. - Examples of commercials interiors designed in Islamic traditional style. 	
2-3	<p>Project 04: Service interior design project</p> <p>Lecture:</p> <ul style="list-style-type: none"> - Introduction to service spaces design and decoration with a focus on design parameters, the scope of services, and the latest trends and needs of service spaces. - Study the effects of light, color, furniture and decorative objects in service design sing decoration in Handcrafts. - <p>• Description of Project 04:</p> <ul style="list-style-type: none"> - Service interior design principles. - Different service spaces design styles. - Various types of service furniture and their dimensions. - Examples of a range of service interior designing styles. 	
4	<p>Project 5: Furniture design Fundamentals</p> <p><input type="checkbox"/> Description of the project:</p> <ul style="list-style-type: none"> - to apply a unique and adaptable design process to a variety of contexts and problems such as form, materials research, fabrication and use. - to articulate an informed point of view related to the fundamental issues of the discipline of furniture design <p>Furniture types and functions. Elements of form, function and aesthetics in furniture. Furniture accessories types.</p>	

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	Human factors, safety, durability, international and local architectural standards in the furniture industry	
	<p>Project 6: Product and furniture design methods and processes</p> <p>• Description of the project:</p> <ul style="list-style-type: none"> - Furniture manufacturing process step by step from the beginning until the final phase in which the product is presented in addition to the techniques and materials used in the furniture production. - to articulate an informed point of view related to the fundamental issues of the discipline of furniture design <p>Research: investigate the market/client needs, analyze similar product examples.</p> <p>Design concept: put primary ideas, draw sketches, plans, elevations, etc. that documents the chosen idea.</p> <p>Scale model: learn to convert the design idea into small scale model which will help identify appropriate materials and manufacturing techniques.</p> <p>Prototype: choose appropriate materials and manufacturing techniques to build a real size working prototype</p> <p>Testing: learn the means and ways for testing the prototype and make necessary modifications according to testing results</p> <p>Presentation : learn methods of presenting and marketing the final product.</p>	
	<p>Project 7: Local Materials and Making</p> <p>• Description of the project:</p> <ul style="list-style-type: none"> - about local traditional handcraft techniques and materials and their evolution over the years. - how to incorporate traditional elements into contemporary furniture design. <p>Field visit to several local workshops where students are introduced to various handcraft techniques and materials. They will learn the hand making process with which a traditional furniture is produced.</p> <p>Field visit to local traditional furniture showrooms where students will examine closely the final product (furniture) of the handmade process.</p> <p>Students are asked to make a report that summarizes all the information obtained from the field visit.</p>	

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	<p>Students are introduced to the type of machines such as Laser cutting and CNC machines that can be used in the process of traditional furniture making.</p> <p>Students are assigned to design a traditional piece of furniture and execute a small scale model with the previously mentioned machines.</p>	