

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 6 – Basics of Ceramics

<b>Authors</b>	<b>Training and Technical Group (TTG) Scientific and Supervising Committee (SC)</b>
<b>WP Number</b>	<b>WP5 / DEVELOPMENT Make traditional crafts skills competency development an integrated part in Teaching</b>
<b>WP Leader</b>	<b>UNIFI</b>
<b>Course Offered by</b>	<b>UJ, HU, TU</b>
<b>Total number of pages</b>	<b>6</b>

#### 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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<b>BASICS of CERAMICS, COURSE SYLLABUS</b>					
<b>Course Code</b>		<b>Course Title</b>	<b>BASICS of CERAMICS</b>	<b>Cr.hr. ECTS</b>	<b>3 6</b>
<b>Class Room</b>		<b>Time</b>			
		<b>Semester</b>			
<b>Instructor(s)</b>			<b>Email:</b>		<b>Phone:</b>
<b>Office Hours</b>	<b>As assigned in instructors schedules on the system &amp; in front of their offices doors</b>				

### **COURSE DESCRIPTION: (ACCORDING TO THE CURRICULUM):**

Introducing students to the art of ceramics and information about clay and its types, an overview of Arab and international ceramics, introducing basic ceramic techniques and their types, ropes, clay terminology, and making small models such as cylinders. The primary emphasis is on studio work leading to a portfolio of finished pieces by the end of the semester. This course will introduce students to building with clay. Emphasis will be placed on the design elements; line, shape, texture, and colour. Focus will be on the hand building techniques; pinch, coil and slabs. Functional as well as sculptural applications will be explored.

The theoretical trend deal with an introduction in Art ceramics as King of Formation, as for the applied trend they students as trained in preparing clay. The students recognize on how to make in Ceramics Form and techniques with building basics, and recognize the glaze techniques such as: dipping, spray, brush.

### **COURSE OBJECTIVE:**

The objectives of this course are to help students:

1. Learn manual construction methods (compression, ropes, slices)
2. Learn some basic skills in glazing and colouring projects (spraying, dipping, brushing).
3. Development of students' skills on manual, technical and visual experience through the basics of rope forming
4. Developing skills in how to build and decorate ceramic works with ropes and slides.
5. To employ nature and decorative elements in the ceramic design work.
6. Emphasis on texture as an integral part of ceramic work.
7. Critical seminars after each project to discuss construction problems, the importance of design and creative work in ceramic work

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## STUDENT PERFORMANCE CRITERIA:

### Based on HANDS Learning Outcomes:

- LO1: Demonstrate an understanding of the historical significance and cultural heritage associated with traditional crafts.
- LO3: Apply traditional craft skills through hands-on training sessions or workshops, demonstrating proficiency in selected techniques.
- LO10: Develop technical skills in traditional craft techniques such as weaving, pottery, woodworking, metalworking, etc. This includes proficiency in handling tools and materials specific to each craft.
- 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.
- LO16: Collaborate with artisans, practitioners, and communities involved in traditional crafts. This can foster mutual learning, cultural exchange, and the preservation of traditional craft practices.

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### COURSE CONTENT:

Week #	Topic	Type	Grading
W1	introduction of the history of ceramic		
W2	Introduction to clay the material		
W3	preparing the sketches		
W4	preparing the clay (compression, ropes, slices)		
W5	Introduction to the potter's wheel, centering the clay, forming bowls and cylinders... trimming and burnishing on the wheel.		
W6	How sculpture is made with clay, slab construction, extrusion, tile making and slip casting.		
W7	Project 1: 3 round forms in increasing size and elongation ranging in size from 10- 20 cm with emphasis on elegant, refined contour.	Project 1	Total 20%
W8	Project 2: 3 slab cylinder vessels, 15- 25 cm, emphasis on texture and process.	Project 2	Total 20%
W9	Learn about ceramic techniques		
W10	Learn about how to build and decorate the clay		
W11	Getting to know about glazing and coloring ceramic	Project 3	Total 20%
W12	Project 3: 5 wheel thrown bowl and or cylinder forms, 10 – 20 cm tall. Emphasis: understand wheel thrown ceramics, learn to centre.		
W13	Texturing and coloring clay, color used in clay and slips, engobes, oxides and underglazes as well as non-traditional decorative techniques including acrylic paint and dye.		
W14	Glazing: The function of glazes and how they are made up... simple glaze testing... proper application, health and safety.		
W15	Final submission for Projects and discussion Critical seminars		
* 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:	7	15	20%
2	Project # 2:	8	15	20%
3	Project # 3:	12	15	20%
<b>TOTAL</b>				<b>60%</b>
3	Final Exam, class work and Assignments			40%
<b>TOTAL</b>				<b>100%</b>

- 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.

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- **Portfolio and Documentation of Design Work:** Students are required to document all studio work in Digital copies of design work.

#### **REFERENCES:**

- **References:**
- French, N.1998Potters Directory of shape and form. London, A and C Black.
- Pearch, s.1998. Simply Pottery a Practical Coursin Basic Pottery Techniques London, Apple press.
- **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><b>Project 1: Round forms in increasing size and elongation ranging in size from 10- 20 cm with emphasis on elegant, refined contour.</b></p> <p><b>Using equipment at HANDS workshops</b> Description of Project 1: traditional craft applications <b>Lecture 1:</b> Pottery / Clay <b>Project follow up</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Analyzing case studies,</li> <li><input type="checkbox"/> Build 3D model</li> </ul> <p>Composition, Sequence of Experiences, construction of 3D object</p>	
2-3	<p><b>Project 2: slab cylinder vessels, 15- 25 cm, emphasis on texture and process</b></p> <p><b>Using equipment at HANDS workshops</b> Description of Project 2: traditional craft applications <b>Lecture 1:</b> Pottery / Clay <b>Project follow up</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Analyzing case studies,</li> <li><input type="checkbox"/> Build 3D model</li> </ul> <p>Composition, Sequence of Experiences, construction of 3D object</p>	
2-3	<p><b>Project 3: slab bowl forms, "hump mold" method, with foot, diameter: 20 – 25 cm, emphasis, clarity and simplicity.</b></p> <p><b>Using equipment at HANDS workshops</b> Description of Project 3: traditional craft applications <b>Lecture 1:</b> Pottery / Clay <b>Project follow up</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Analyzing case studies,</li> <li><input type="checkbox"/> Build 3D model</li> </ul> <p>Composition, Sequence of Experiences, construction of 3D object</p>	
2-3	<p><b>Project 4: wheel thrown bowl and or cylinder forms, 10 – 20 cm tall. Emphasis: understand wheel thrown ceramics, learn to center.</b></p> <p><b>Using equipment at HANDS workshops</b> Description of Project 4: traditional craft applications <b>Lecture 1:</b> Pottery / Clay <b>Project follow up</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Analyzing case studies,</li> <li><input type="checkbox"/> Build 3D model</li> </ul> <p>Composition, Sequence of Experiences, construction of 3D object</p>	

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2-3	<p><b>Project 5: Glazing Applications</b>  <b>Using equipment at HANDS workshops</b>          Description of Project 5: glazing applications and techniques on different craft objects  <b>Project follow up</b>  <input type="checkbox"/> define colour procedures  <input type="checkbox"/> apply the glazing          Composition, Sequence of Experiences, construction of glazed object</p>	
2-4	<b>Vocational courses</b>	