

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

Vocational Workshops Outline

Module – Vocational Workshops

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, JUST, UJ, HU, TU, ABU, MU
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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



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Firenze



Università degli
Studi Guglielmo
Marconi



Technische Hochschule
Ostwestfalen-Lippe

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

Course name

Wood Inlay Workshop

Course description

In this workshop, you will learn several different ways to embellish and enhance your woodworking projects using wood inlay. We will teach the basics of string inlaying and cutting recesses for inlay. You will learn to cut and inlay a 5-point geometric star. If time allows, we may also look at sand shading techniques. If you have a favorite block plane, feel free to bring it.

This course will introduce you to veneer and show you how to decorate wooden objects with it.

Course Objectives/Outcomes

The objectives of this course:

- Cut veneer to make tight seams both along and across the grain.
- Understand good veneer taping form.
- Quickly make consistent width narrow strips for bandings.
- Use simple jigs to improve the repeatability of rhythmic veneering.
- Anticipate the pattern opportunities from various orientations of sequential strips of veneer.
- Apply glue to minimize the likelihood of a poor bond, and (probably) learn how to fix a poorly bonded piece of veneer.
- Insert inlay pieces into your box's lid design.
- Consider the costs and benefits of different glue types. Use a vacuum press to apply even pressure over a large surface.

Some of the skills learned in the Veneer & Inlay class are:

- Hammer veneering
- Book matching and slip-matching veneers for dramatic effects
- How to make edge banding
- Sand shading
- Line-and-berry inlay

Schedule: Course Content

day	Outcome	criteria
Sunday	introduction	Introduction Learning how to select, use materials and tools.
Monday	traditional techniques of designing with timber	creation of a floral pattern inlay made with the traditional technique and carried out with the use of three veneers through the following stages: preparation of the design, assembly of wood, cutting with hacksaw; assembly and sandblasting, gluing with animal glue, cleaning and grouting, French polishing with swab.
Tuesday	selecting and cutting veneers	
Wednesday	assembling and gluing the cut pieces, and finishing a piece	
Thursday	assembling and gluing the cut pieces, and finishing a piece	
Sunday	assembling and gluing the cut pieces, and finishing a piece	
Monday	create sample panels using shaped veneers	
Tuesday	create sample panels using shaped veneers	
Wednesday	Geometric inlay	Creation of geometric composition with the use of various veneers. Cutting is carried out with skiving knife.
Thursday	Perspective inlay	A landscape or architectural design work with use of veneers must be carried out. Cutting is carried out with the same approach used for geometrical work and done with the use of skiving knife.

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

Course name Ceramics Workshop

Course description

This course provides an introductory exposure to the history of ceramics and a beginning level experience in the use of clay as a fine art medium. Forming techniques, surface development and glazing, and kiln firing practices will be introduced. Both the functional and sculptural ceramic traditions will be explored.

Learn the following at the workshop:

- building with clay
- Emphasis will be placed on the design elements; line, shape, texture, and color.
- hand building techniques; pinch, coil and slabs.
- Functional as well as sculptural applications will be explored.
- craft of wheel thrown pottery on a limited basis.
- Various glaze and decoration techniques for finishing work will be introduced in the beginning class.

Course Objectives/Outcomes

The objectives of this course:

- knowledge of the world art history of ceramics
- knowledge of contemporary ceramics in the United States
- ability to successfully manipulate clay through the basic hand building techniques of coil, pinch, and slab
- ability to successfully manipulate clay on the potter's wheel
- ability to embellish the surface in an expressive and meaningful way using slips and glazes
- ability to safely load and unload ceramic objects in both electric and gas kilns
- ability to discuss, in an articulate, thoughtful manner during class critiques, the meaning, design, and technical processes used to create ceramic art objects
- Demonstrate the ability to perceive and describe formal qualities and expressive content in ceramic products.
- Demonstrate technical skills needed to produce products with aesthetic qualities.
- Demonstrate techniques of forming pottery.
- Use vocabulary related to ceramics/pottery.
- Use criteria for making judgments about ceramics/pottery
- Demonstrate an awareness of the history of pottery.

Schedule: Course Content

day	Outcome	criteria
Sunday	knowledge of the world art history of ceramics	Introduction to world history of the ceramic medium and introduce the student to important contemporary American ceramic artists <ul style="list-style-type: none"> • Assignment
Monday	Demonstrate technical skills	<ul style="list-style-type: none"> • Create a symmetrical vessel • Assignment
Tuesday		<ul style="list-style-type: none"> • Create two contrasting forms
Wednesday	Introduction	<ul style="list-style-type: none"> • Digital Portfolio Preparation & Critique • Assignment
Thursday	Surface Decoration	<ul style="list-style-type: none"> • Coil Construction
Sunday		<ul style="list-style-type: none"> • Leather hard Surface Decoration • Assignment

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

Monday		<ul style="list-style-type: none"> • Glazing on Bisque ware • Assignment
Tuesday	Throwing	<ul style="list-style-type: none"> • Throwing • Assignment
Wednesday	Sculpture Methods	<ul style="list-style-type: none"> • Sculpture Methods • Assignment
Thursday	Slab Construction	<ul style="list-style-type: none"> • Slab Construction • Assignment

(Sunday)

Introduction

Introduction to world history of the ceramic medium and introduce the student to important contemporary American ceramic artists.

Assignment

design principles found in Greek black figure vases and Native American Pueblo pottery

(Monday)

Hand building projects Coil and pinch techniques Create a symmetrical vessel that you have designed after studying historical examples. A contour drawing will serve as your “road map” in building this vessel.

Assignment

studying traditional, Japanese teabowls associated with the Zen Buddhist tea ceremony

(Tuesday)

Create two contrasting forms using the pinch technique: a symmetrical tea bowl and an asymmetrical organic form.

(Wednesday)

- Follow up

Assignment:

traditional Japanese firing method of raku

(Thursday)

Forms will be glazed and fired using the traditional Japanese firing method of raku

(Sunday)

Learn Slab Technique Assemblage: Space/Robot.

Training: Construct a model of a robot or space vehicle out of clay using the following components: cylinder, cone, half sphere, sphere, cube, rectangle.

Assignment:

Historical reference: the teapots of Yixing, China

(Monday)

Learn Slab Technique Assemblage: Space/Robot.

Training:

Teapot

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

(Tuesday-Thursday)

Training

learning how to throw on the potter's wheel :

- 1) Learn the fundamentals of centering and pulling a cylinder.
- 2) Beginning throwing project: throw a cylinder at least 7" in height from 2 ½# of clay.
- 3) Set of six functional mugs with pulled handles, trimmed foot rings, and slip treatment of the surface.
- 4) Two bowls: continuous inner curve; two different shapes; trimmed foot rings.

Materials List:

Ceramic tool kit: sponge, needle tool, wooden rib, metal rib, cutting wire, loop tool, ribbon tool, wooden modeling tool.

Additional tools and supplies: stiff blade fettling knife, small plastic bucket, garbage bags, small lidded plastic container, wooden paddle, two artist's brushes, dust mask, large towel, large kitchen sponge, notebook or sketchbook for drawing and taking notes.

Optional: Surform tool, paint scraper, natural sponge, workshirt or lab apron.

In addition to the above list, you may need other basic art supplies or tools such as cardboard, mat knife, ruler.

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

Course name
Geometry Workshop

Course description

The purpose of this course is to bring the students to discover and develop an understanding of the regular and semi-regular formations of basic geometric shapes. Students will also be introduced to proportional systems; root proportions, the golden proportion and proportional rectangles. Students will explore the diversities of the geometric pattern stars and shapes developing the different possibilities to the patterns.

Course Objectives/Outcomes

The objectives of this course:

1. Understanding the basic of geometric science
2. Understanding the different systems geometry science
3. Ability to Apply geometry in architecture
4. Assess students understanding of geometry and proportions applications in architecture modern design
5. Ability to apply knowledge related to architecture and geometry in craft designs

Schedule: Course Content

day	Outcome	criteria
Sunday	Introduction Practice in model workshop	Introduction to geometry and proportion
Monday	Introduction Practice in model workshop	Geometric proportional systems and terms simple geometric drawings
Tuesday	Introduction Practice in model workshop	Geometric proportions in nature and cosmos drawings exercises
Wednesday	Introduction Practice in model workshop	Geometric proportional systems as tool for architecture drawings exercises
Thursday	Introduction Practice in model workshop	Evolution of geometry in architecture drawings exercises
Sunday	Introduction Practice in model workshop	Sacred Geometry in east and west drawings exercises
Monday	Introduction Practice in model workshop	Geometry in Islamic architecture drawings exercises
Tuesday	Introduction Practice in model workshop	Geometry and Parametric architecture drawings exercises
Wednesday	Introduction Practice in model workshop	Foundations of hexagonal geometry Using Geometer's Sketchpad to design patterns based on hexagons
Thursday	Introduction Practice in model workshop	Using Inscape free software for adding extra decorations to geometric patterns

Workshop Topics include:

- Theorem of Desargues
- Theorem of Pappus
- Waldorf Geometry Overview
- Theorem of Pascal
- Theorem of Brianchon
- Principle of Duality



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

- Playing with Infinity!
- Harmonic Conjugates
- Line-wise Conics
- History of Projective Geometry
- Intro to Polarity
- Polarity of a Curve

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

Course name

Fashion Design Workshop

Course description

This course introducing you to basic fashion principles. then demonstrate the daily skills that every fashion designer should possess.

Introduce you to the history of fashion from the 19th century to the present, which is important in predicting future trends. Also show how to arrange ‘mood boards’ in order to develop your design. We examine various textile fibers, yarns and fabrics and explain where to source them.

This course trains you to complete patterns, structure garments and execute various draping techniques. In addition to identify where to source fabrics and explore patternmaking, sizing and measuring a garment correctly. The course breaks down how to design a ‘garment tech pack’, which is critical to the production process and gives you the confidence required to produce your own clothing label.

Course Objectives/Outcomes

The objectives of this course:

Learn new concepts from industry experts

Gain a foundational understanding of a subject or tool

Develop job-relevant skills with hands-on projects

Interpret the elements and principles of fashion design

Create ‘mood boards’ and understand the sample stages of a garment

Compare textile fibres, yarns and fabrics and explain how to source them

Generate patterns, construct garments and develop ‘garment tech packs

practical design skills and study different textile fibres, yarns and fabrics utilized in clothing production

Schedule: Course Content

day	Outcome	criteria
Sunday	introduction	Introduction
Monday		Element and principles of fashion design
Tuesday		Mood board, design development , sketching
Wednesday	Pattern Completion, Garment Constructing and Draping Techniques	Understanding textile fibers, materials, choose fabric
Thursday		fitting the toile altering cutting and layering the pattern
Sunday	Fashion Illustration	Fashion Illustration
Monday	techniques and terminology	basics of sewing techniques and terminology
Tuesday		
Wednesday		
Thursday		

(Sunday-Tuesday)

Fashion as Design focuses on a selection of garments and accessories from around the world, ranging from kente cloth and denim to turtlenecks, swimwear, and 3D-printed dresses. Through these garments, you’ll take a closer look at what we wear, why we wear it, how it’s made, and what it means.

couture

The French word couture means "dressmaking" or "sewing," and often refers to one-of-a-kind, primarily handmade garments intended for a specific individual. This module approaches couture from a broader perspective, exploring the complex processes—from traditional handcrafting to the use of new technologies—that go into the making of high-end and everyday garments.

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

lifecycle

This module examines the lifecycle of garments, an often overlooked aspect of fashion that many individuals and companies are addressing with growing urgency. How do garments begin, how do they end, and how does the cycle of production, consumption, and disposal impact the world?

Modesty

Modesty has many varied expressions that can be informed by social, religious, or political identifications, as well as by personal choice. But whether covered up or exposed, our bodies are often battlegrounds for continually shifting societal claims around morality, agency, and etiquette.

expression

What we wear and how we wear it can communicate messages, create group identification, borrow and remake existing styles, or subvert a garment's traditional associations. While choosing and wearing clothes is an act of personal expression, it is also a response to many of the topics addressed in the preceding weeks of this course. In this final week, we look at the ways in which clothing allows us to feel connected to others and to stand out.

(Wednesday-Thursday)

In this module you will learn to turn your garment into a sample for review which will advance you towards constructing your own designs.
fitting the toile altering cutting and layering the pattern

(Sunday)

Fashion Illustration(introduction)
Fashion Presentation
Fashion Marketing and World Costumes

(Monday- Wednesday)

basics of sewing techniques and terminology.
Students will acquaint themselves with the common sewing terms, equipment used for measuring, drafting, cutting and sewing, basic stitches, notions, seams, edge finishing, plackets and pockets.
Cut and test
Manufacture by hand and machine
Finishing
Model with personal measurements and mannequin
Correction of patterns in their measurements
Sewing test and cut

Project:

stitching of types of bodices, sleeves, collars, skirts, pockets, cuffs, plackets and more.
Students will combine their skills of pattern making along with advanced stitching to create ensembles.

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

STUDENT PERFORMANCE CRITERIA:

Based on HANDS Learning Outcomes:

- LO3: Apply traditional craft skills through hands-on training sessions or workshops, demonstrating proficiency in selected techniques.
- LO4: Develop creative solutions by integrating traditional craft elements into contemporary design projects.
- LO5: Critically assess the role of technology in preserving, promoting, and innovating traditional craft practices.
- LO8: Collaborate effectively with artisans, communities, and stakeholders to support the preservation and revitalization of traditional craft industries.
- 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.
- LO11: Understanding the fundamental design principles such as balance, proportion, symmetry, rhythm, and harmony as they apply to traditional craft design. This includes understanding how these principles manifest in traditional craft objects.
- 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.
- LO17: Equipped with the knowledge and skills necessary for pursuing careers in traditional craft design, including understanding the market, entrepreneurship, and opportunities for further education and specialization.
- LO18: Knowledge of the materials traditionally used in crafts, including their properties, sourcing, preparation, and appropriate usage. This involve understanding natural materials like clay, wood, fibers, or metals, as well as any modern substitutes or adaptations.
- 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.