



**ERASMUS+ PROGRAMME**

**Project Number: 610238-EPP-1-2019-1-JOEPPKA2-CBHE-JP**

**HANDS**

**Traditional Craft Heritage Training, Design and Marketing in Jordan  
and Syria**

**Workshop 1**

**for students from all Jordanian partner universities**

**Geometry Design principles and its application on crafts**

**Craft society initiative**

**Al-Zaytoonah University of Jordan**

**Amman-Jordan**

**August 19th - 20th, 2020**



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**Venue: Faculty of Architecture and Design at ZUJ**

**Day 1**

**Wednesday, August 19, 2020**

<b>09:00 – 09:30</b>	<b>Registration</b>
<b>09:30 – 10:00</b>	Welcome to HANDS project by the General Coordinator of HANDS Project: Dr. Loai Dabbour <b>HANDS in Brief:</b> ❖ Goals and Objectives ❖ Expected results and impact
<b>10:00 – 13:00</b>	<b>Geometry Design principles and its application on crafts:</b> <b>Hana Hijazi:</b> Geometer, biomorphic designer
	<b>Six-fold pattern:</b> <b>Design principles, tessellations and applications</b>
<b>10:00 – 13:00</b>	<ul style="list-style-type: none"> <li>- Introduction to the science of geometry and proportions.</li> <li>- Basic understanding of six-fold pattern construction, composition and its unfolding to twelve-fold pattern.</li> <li>- Six-fold design alternatives (tessellations).</li> <li>- Six-fold pattern applications into crafts</li> </ul>
<b>13:00 – 14:00</b>	<b>Coffee break</b>

**Day 2**

**Thursday, August 20, 2020**

<b>9:30 – 10:00</b>	<b>Geometry: Symbolism and metaphysical dimensions by Dr. Loai Dabbour</b>
<b>10:00 – 13:00</b>	<b>Geometry Design principles and its application on crafts:</b> <b>Hana Hijazi:</b> Geometer, biomorphic designer
	<b>four-fold pattern:</b> <b>Design principles, tessellations and applications</b>
<b>10:00 – 13:00</b>	<ul style="list-style-type: none"> <li>- Basic understanding of four-fold pattern construction, composition and its unfolding to eight-fold pattern.</li> <li>- four-fold design alternatives (tessellations).</li> <li>- four-fold pattern applications into crafts</li> </ul>
<b>13:00 – 14:00</b>	<b>Coffee break</b>
<b>14:00 – 15:00</b>	<ul style="list-style-type: none"> <li>- Discussion</li> <li>- Evaluation</li> <li>- Recommendations</li> </ul>
	<b>Material and equipment will be provided by ZUJ to all participants:</b> <b>Campus, ruler, pencils (4H), colored pens (5), cutter, sanding paper, tracing paper, putter paper,</b>