

## BEM Micro-credential



<b>BEM content (for all partners)</b>	Title/name of the credential	3D designer-modeller of pendants		
	Function of the micro-credentials / purpose	Specialisation		
	Possible target groups	Designed for individuals who are interested in designing and modeling pendants using an automated design system		
	Branch/sector of application	Production of pendants		
	Fields of application / work environment	3D printing, crafting		
	Typical work/professional tasks	<ul style="list-style-type: none"> <li>• study of features of automated design system tools</li> <li>• study of solid modeling principles</li> <li>• design of a three-dimensional model of a part</li> <li>• application of materials (physical properties of materials, textures, shadow lines )</li> <li>• creating a collective model</li> <li>• Correct use of Mates</li> <li>• change of collective unit</li> <li>• creation, design of drawings and specifications</li> </ul>		
	Learning outcomes (personal and job related)	Knowledge	Skills	competences

		<ul style="list-style-type: none"> <li>• Basics of drawing</li> <li>• Basics of 3D modeling</li> <li>• search and storage of relevant information</li> </ul>	<p><b><i>Language skills</i></b></p> <ul style="list-style-type: none"> <li>• Native</li> <li>• Two foreign languages to communicate, as well as to use professional literature</li> </ul> <p><b><i>Computer skills</i></b></p> <ul style="list-style-type: none"> <li>• Internet</li> <li>• Search engines</li> </ul> <p><b><i>Job skills</i></b></p> <ul style="list-style-type: none"> <li>• design</li> <li>• 3D modeling</li> </ul> <p><b><i>Personal skills</i></b></p> <ul style="list-style-type: none"> <li>• Desire for self-improvement</li> <li>• Liability</li> <li>• Responsibility</li> <li>• Discipline</li> <li>• Creative mind</li> <li>• Literacy</li> <li>• Tolerance and patience</li> </ul>	<ol style="list-style-type: none"> <li>1. Correct execution of the drawing</li> <li>2. spatial representation of detail</li> <li>3. Implementation of the correct billing process</li> </ol>
	Validation	criteria		procedures
		<ol style="list-style-type: none"> <li>1. compliance</li> <li>2. flexibility and target focus</li> <li>3. reliability</li> </ol>		<ol style="list-style-type: none"> <li>1. Formation of Examination Committee (EC)</li> <li>2. Applicant makes a</li> </ol>

			Performance of a Test Project based on given topic 3. Resolution of EC 4. Awarding a certificate or digital badge
	Recognised/accepted (documented by MoU)	Name of companies Ani Jamvelyan Private Entrepreneur	
	Provider(s)	From private and state sectors	
<b>Additional information (if needed)</b>	Entry level / prerequisites	It is necessary that the individual has basic drawing and computer knowledge and skills. Duration: 72 hours.	
	Possible duration (recommendation)		
<b>Specific content (national) (if needed)</b>	Position in the chain of educational programmes	IV-V level of NQF.	
	Reference to NQF		
	Credits		