



Unit 3: Additive manufacturing and 3D printing in Industry 4.0

Subunit 3.2: AM: Processes, materials, and application areas

Activity 2: AM: Processes, materials, and application areas

Learning Outcomes	Knowledge	Skills	Responsibility and Autonomy
Type of activity	<input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> PPT <input type="checkbox"/> Image/Infographic <input type="checkbox"/> Video		<input checked="" type="checkbox"/> Test/Quiz <input type="checkbox"/> Game <input type="checkbox"/> Other (specify) <hr/>
Duration	360 min		
Activity (to be inserted into Moodle and seen by learners)	<p>In this activity, trainees will learn the main processes, materials, and application areas of Additive Manufacturing (AM) and 3D printing.</p> <p>To complete the activity, please follow the next steps:</p> <ol style="list-style-type: none"> 1. Read “3.2 AM: Processes, materials, and application areas” chapter of the PDF file “UNIT 3 - Additive manufacturing and 3D printing in Industry 4.0”. 2. Accomplish the activity “AM processes” included in the “UNIT 3 - 3.2.1 - AM processes” PPT file. 3. Accomplish the activity “AM materials” included in the “UNIT 3 - 3.2.2 - AM materials” PPT file. 		

	4. Accomplish the activity “AM application areas” included in the “UNIT 3 - 3.2.3 - AM application areas” PPT file.
Assessment	Self-assessment exercises.
Resources	Computer
Further reading	References chapter at the end of the PDF file “UNIT 3 - Additive manufacturing and 3D printing in Industry 4.0”