

## Unit 3: Additive manufacturing and 3D printing in Industry 4.0 Subunit 3.4: Advantages and disadvantages of AM and 3D printing in Industry 4.0

Activity 4: Advantages and disadvantages of AM and 3D printing in Industry 4.0				
Learning Outcomes	Knowledge  Fundamental knowledge of AM and 3D printing in Industry 4.0: benefits and limitations	• Explain the be limitations of A printing in the 4.0 era when contraditional manufacturing	AM/3D Industry compared	Responsibility and Autonomy  Use 3D printing technology when in advantage over conventional methods
Type of activity	⊠ PDF □ PPT □ Image/Infographic □ Video		⊠ Test/Qui □ Game □ Other (s	
Duration	120 min			
Activity (to be inserted into Moodle and seen by learners)	<ol> <li>In this activity, trainees will learn the Advantages and disadvantages of AM and 3D printing in Industry 4.0.</li> <li>To complete the activity, please follow the next steps:         <ol> <li>Read "3.4 Advantages and disadvantages of AM and 3D printing in Industry 4.0" chapter of the PDF file "UNIT 3 - Additive manufacturing and 3D printing in Industry 4.0".</li> <li>Accomplish the respective self-assessment.</li> </ol> </li> </ol>			
Assessment	Self-assessment quiz			
Resources	Computer			
Further reading	References chapter at the end of the PDF file "UNIT 3 - Additive manufacturing and 3D printing in Industry 4.0"			