Unit 1: Advanced manufacturing – companies' mindset and current trends

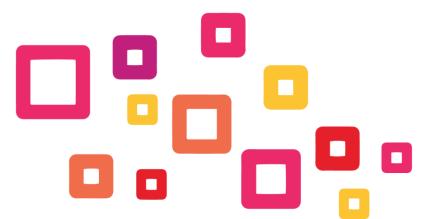**Subunit 1.3: Mindset and current trends**

Activity 1.3.3: Transitioning to Industry 4.0			
Learning Outcomes (paste the appropriate LOs from the LOs Matrix)	Knowledge	Skills	Responsibility and Autonomy
	Basic knowledge of: • mindsets of product development • organizational and corporate culture in Industry 3.0 and 4.0 • organisational structure in Industry 3.0 and 4.0	• name and explain mindsets of product development in the context of advanced manufacturing: Design Thinking, Lean, and Agile • differentiate between the organisational and corporate culture in Industry 3.0 and 4.0 • exemplify organisational structure Industry 3.0 and 4.0	• demonstrate knowledge and skills obtained for development of cooperation between VET and business sector
Type of activity	☒ PDF ☐ PPT ☐ Image/Infographic ☐ Video	☒ Test/Quiz ☐ Game ☐ Other (specify) _____	
Duration	60 minutes		
Activity (to be inserted into Moodle and seen by learners)	More and more businesses participate in the Fourth Industrial Revolution or Industry 4.0. In this latest revolution, business models are being transformed to take advantage of the possibilities of connected devices, data analytics and other technologies. This unit focuses on steps and strategic roadmaps that companies apply in their transitioning process. To complete the activitiy: 1. Read the following article (15 minutes): "Strategy: When strategy leads, success follows" in the article "The Fourth Industrial		

	Revolution. At the intersection of readiness and responsibility" https://www2.deloitte.com/us/en/insights/deloitte-review/issue-22/industry-4-0-technology-manufacturing-revolution.html 2. Read the following chapters (p.25-38) (40 minutes): http://www.smeart.eu/en/results/handbook-smeart/SMeART_Handbook_2019__web_EN.pdf 3. Complete the short quiz.
Assessment	Learner will answer short quiz on the topic.
Resources	Equipment: PC, laptop, tablet, smartphone, Internet connection
Further reading	http://www.smeart.eu/en/results/handbook-smeart/SMeART_Handbook_2019__web_EN.pdf