



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

Subunit 1.1: Basics

Activity 1.1.3: The opportunities of Industry 4.0							
Learning Outcomes	Knowledge	Skills	Responsibility and Autonomy				
Learning	• fundamental knowledge of advanced manufacturing: o key characteristics of 1st, 2nd, 3rd and 4th industrial revolution o principles of industry 4.0	 Identify and illustrate the 4 development stages of industrial revolution compare key characteristics of 3rd and 4th industrial revolutions in order to recognise the benefits of the 4th industrial revolution in comparison with the 3rd one identify key principles of industry 4.0 explain how to apply key characteristics of industry 4.0 to examples from its respective VET field/ industry sector provide examples of the use of advanced manufacturing in different sectors show benefits of implementing advanced manufacturing for the improvement of 	 demonstrate knowledge and skills obtained for development of cooperation between VET and business sector 				

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Type of	⊠ PDF		⊠ Test/Quiz	<u>.</u>	
activity			Game		
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Duration	60 minutes				
Activity				challenges by making them	
(to be inserted into Moodle and	becoming more flexible and reacting to changes in the market more easily. I can increase the speed of innovation and is very consumer-centred, leading				

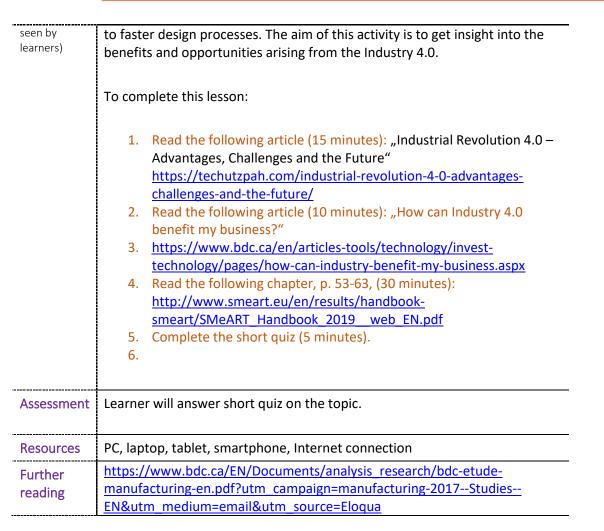
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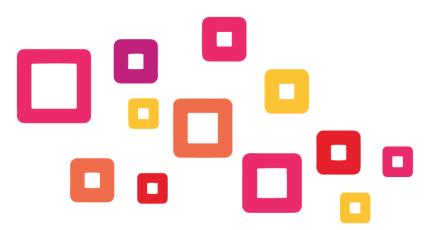






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