

Lesson Plan

Module: Integrated smart workplace

Learning Unit: All aboard to future Tech

<p>Desired Core professional goal</p> <p>Learners will be able to</p> <ul style="list-style-type: none"> – assess their understanding and application of smart technologies and tools such as cloud computing, cloud-based virtual management and collaboration, wearables, IoT, advanced data analytics, and 3D printing, – pursue advanced learning to leverage deep tech benefits to enhance their businesses. – create a culture of continuous learning and improvement within their business 	<p>Benchmark</p> <p>Cloud computing</p> <p>big data</p> <p>Internet of Things</p> <p>Robotics</p>
<p>Level</p> <p>Standard</p>	<p>Framework</p> <p>Evolve</p>
<p>Professional micro-learning outcomes</p> <p>Learners will</p> <ul style="list-style-type: none"> – summarize the key concepts and principles of creating a smart workplace using smart technologies and tools. – evaluate their own knowledge and skills in utilizing smart technologies and tools for creating a smart workplace in their business. – successfully demonstrate the application of smart technologies and tools to a given scenario-based activity. 	
<p>Authentic assessment performance task</p> <p>Learners will</p> <ol style="list-style-type: none"> 1. watch the video Standard level: Module 4: Evolve: All aboard to future Tech https://youtu.be/nhg8lqN7Oog (3:43) 2. do the following authentic assessment performance task: Use the Scenario-based Activity Worksheet Embracing Technological Solutions for Micro 	

[& SMEs](#) and follow the instructions to solve the challenges faced. Discuss the challenges and the solutions with your team or other learners sharing the same needs with you using our course forum or chatroom. You may introduce yourself to the course forum and make a team with other learners sharing the same interests and professional sector. We highly recommend working collaboratively throughout the course. After completing this task check out the [Feedback provided to you with suggested answers](#).

3. have the option to do the following activity:

Self-Assessment Questionnaire - Creating a Smart Workplace using smart technologies in Micro and SME Businesses

Reflect on your understanding and implementation level of the smart technologies and tools you learned in this Module. Then take the [Self-Assessment Questionnaire - Creating a Smart Workplace using smart technologies in Micro and SME Businesses](#) to rate your progress. Discuss your score with other learners and exchange feedback for collaborative and mutual improvement in low scores. If you cooperate with digital transformation consultants present them with your feedback to receive personalised and professional guidance and make necessary improvements for future planning.

4. have the option to check out more resources:

- a. [12 Smart Workplace Technology Examples | iOFFICE \(iofficecorp.com\)](#): The article explains what a smart workplace is and how it uses various technologies, such as sensors, IoT, software, and mobile apps, to improve building management, collaboration, and employee experience. The page also provides some examples of smart workplace solutions and how they can benefit organizations.
- b. [Smart Workplace | Definition, Examples, and Benefits – deskbird](#): The article introduces the concept of a smart workplace, which is an office that uses various technologies to improve building management, collaboration, and employee experience. The page also gives some examples of smart workplace solutions and their benefits for organizations.
- c. [Top 12 Emerging Digital Workplace Technologies \(gartner.com\)](#): The article discusses various consumer technologies that can enhance the workplace experience, including dark data extraction, multimedia production, immersive technologies, Bürolandschaft, beacons and sensors, crowdsourcing tools, virtual personal assistants, personal clouds, codeless programming, mobile communication and collaboration, and digital literacy programs.
- d. [7 Ways Smart Technology Can Improve Your Workplace | Blog | Optify \(optifyyourworld.com\)](#): The article is about how IoT technology can improve the workplace by enhancing office efficiency, employee productivity, energy conservation, cybersecurity, supply chain management, operation coordination, manufacturing tracking, and user experience. The page also gives some examples of IoT devices and applications that can be used for these purposes.
- e. [Best-in-class 3D Printers | Formlabs](#): The page is a promotional website for

Formlabs, a company that produces 3D printers and materials. The page offers free educational webinars, product demos, and virtual events for people who want to learn more about 3D printing. The page also invites dental professionals to check out their dental webinars and provides a link to request a free sample part.

- f. [Internet of Things \(IoT\) | What is IoT | How it Works | IoT Explained | Edureka - YouTube](#): This Edureka video on the "Internet of Things (IoT)" will explain all the basic concepts of IoT you need to know. This short video on IoT has several facts and figures which you will be amazed to see. It also explains different IoT applications and the future of IoT.