

## Lesson Plan

**Module: Integrated smart workplace**

**Learning Unit: What Goes into a Successful Wearable Solution for Business?**

<p><b>Desired Core professional goal</b></p> <p>Learners will be able to</p> <ul style="list-style-type: none"> <li>– utilize wearable technology in their businesses, enhancing efficiency and productivity.</li> </ul>	<p><b>Benchmark</b></p> <p>Internet of Things</p> <p>Augmented Reality</p>
<p><b>Level</b></p> <p>Standard</p>	<p><b>Framework</b></p> <p>Empower</p>
<p><b>Professional micro-learning outcomes</b></p> <p>Learners will</p> <ul style="list-style-type: none"> <li>– understand the benefits of incorporating wearable technology into business operations.</li> <li>– identify the challenges associated with implementing wearable technology in a business context.</li> <li>– analyse examples of successful wearable solutions in different industries.</li> <li>– develop a plan for integrating wearable technology into their own business operations.</li> </ul>	
<p><b>Micro-learning activities</b></p> <p>Learners will</p> <ol style="list-style-type: none"> <li>1. watch the Standard level: Module 4: Empower: What Goes into a Successful Wearable Solution for Business? <a href="https://youtu.be/P4z_6Z2px7U">https://youtu.be/P4z_6Z2px7U</a> (3:09)</li> <li>2. do the following activity: <p><b>Wearable Technology in business: Challenges &amp; Solutions</b></p> <p>Reflect on the challenges you might face when implementing wearable technology as mentioned in the previous video and propose solutions to overcome these challenges. Discuss with your team or other learners sharing the same challenges and exchange feedback on the proposed solutions. You</p> </li> </ol>	

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.

Then listen to the podcast Wearable Technology in business: Challenges & Solutions: <https://youtu.be/CgoFMYHqDXQ> (2:38) which explains further the discussed challenges in the previous lesson while providing suggested solutions. Compare with your individual or collaborative with your team proposed solutions and reflect or discuss with your team the feasibility of implementing wearable technology in your business context.

3. have an option to do the following activities:

**a. Developing an integration plan for wearable technology in their own business**

Follow the [Action Plan Template: Integrating Wearable Technology into Business Operations](#) guidelines to develop a plan for integrating wearable technology into your own business operations either individually or collaboratively with your team or other learners. Then use the [Self-Assessment Questionnaire: Evaluating the Integration of Wearable Technology into Business Operations](#) to rate your action plan and/or allow other learners to use the questionnaire and evaluate your plan for peer review. Then discuss with other learners exchanging feedback for collaborative and mutual improvement in low scores using our course forum our 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.

**b. Research and Analysis of Successful Wearable Solutions in Different Industries**

Focus on any preferred specific industry and (e.g., healthcare, manufacturing, retail, sports, etc.) and conduct a web research on successful wearable solutions that have been implemented in your chosen industry. You should explore case studies, industry reports, articles, and any other relevant sources to gather information. Try to consider the following aspects during your research and analysis:

- The specific wearable technology used in the industry.
- The benefits and outcomes achieved through the implementation of wearable solutions.
- The challenges faced during implementation and how they were overcome.

- Any unique features or functionalities of the wearable solutions.
- The overall impact on the industry and its operations.

Once the research is complete, you may prepare a presentation or discuss and share your findings with your team or other learners to compare and contrast the different wearable solutions across industries and identify any common trends or themes.

4. have an option to see more resources:

- [Wearable devices in the workplace | Deloitte Insights](#): This article explains how wearable technologies augment workers' physical and perceptual abilities and help keep them safe presenting their benefits and challenges as well as their future in changing the game for workforce planning.
- [Wearable Technology In Business & Customer Market - Digital Silk](#): This is an article that provides an overview of the types, use cases, benefits, and challenges of wearable technology in business. It also showcases some examples of successful wearable tech devices that have transformed businesses in various sectors.
- [Wearable Technology In Business & Customer Market \(digitalsilk.com\)](#): This article discusses wearable technology trends, including health-related wearables, 5G-enabled wearables, AR wearables, and smart clothing and footwear. It highlights the benefits of health-related wearables, 5G-enabled wearables, AR wearables, and smart clothing and footwear, predicting their widespread adoption and advancements in health, wellness, and productivity.
- [For older workers, wearables are where it's at \(sme.org\)](#): This article presents Comau's MATE exoskeleton, a wearable device that helps workers perform repetitive tasks by reducing the muscular effort and fatigue of the upper limbs. It transfers about 30% of the muscular burden from the shoulders to the pelvis
- [Use Wearables to Address Your Business Challenges \(samsung.com\)](#): This article talks about Samsung's Gear S3 wearable technology, which offers hands-free communication and easy-to-manage enterprise mobility management, enhancing productivity and customer satisfaction in various industries like healthcare, safety, and communication.
- [How wearable technology could promote trust and wellness at work - PwC](#): This is a video that explores how wearable technology can help employers and employees build trust, monitor wellness, and optimize productivity in the post-pandemic workplace. It also addresses some of the ethical and privacy issues related to wearable data collection and analysis.

- g. [What Is Wearable Technology? Examples of Wearables | Built In](#): This article discusses the impact of wearables on various industries, including sports, business, health, gaming, fashion, travel, education, and logistics. It highlights the benefits of wearable devices, such as collecting and analysing data for feedback, guidance, and policy decisions. The document also highlights the innovation and potential of wearable technology, such as smart compression shirts and brain sensor headbands.
- h. [21 Examples of Sleek Wearable Tech \(trendhunter.com\)](#): The article showcases 21 examples of sleek wearable tech that combine convenience, functionality and style. The article covers how wearable devices can enhance various aspects of life, such as sports, business, health, gaming, fashion, travel, education and logistics.