

HOW TO AFFECT THE PRODUCTION PROCESSES

OER: COMMUNICATION PLATFORMS AND CUSTOMIZATION

Objective & Scope

Introduce the participants into a number of technologies that are currently available and can directly affect the production processes. These technologies have been introduced in the corresponding OER.

Identify the development and production processes affected by these technologies. Understand the potential benefit stemming from their application.

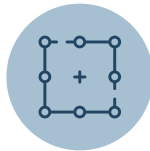
Activity Question

How are the product development and production processes affected by current modern technologies such as Artificial Intelligence, Additive Manufacturing, Augmented Reality, as presented in the OER?

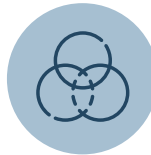
Learning Goals

- Analyse the product development and production processes
- Identify technologies to support operational improvement

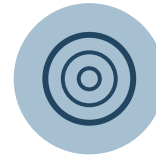
Categories



Advanced Textile Technology



Design Process



Business and Marketing

Support material

- Communication platforms and customisation
- [OER](#)
- [Summary presentation](#)

Equipment

Computer

A.

Analysis of development and production processes

1.

Define groups and ask them to search for products that have made use of the technologies presented in the OER. Each group must choose a different technology, ie. artificial intelligence (AI) or additive manufacturing (AM), or augmented reality (AR).

2.

Analyse the role of the technology and identify the areas of improvement, in the development or production process.

3.

Present findings in a plenary meeting.



Around half a day



Small Group Discussion



Discover, Define & Develop

B.

Proposed applications and expected results

1.

Present the technologies from OER.

2.

Divide participants in small groups and instruct them to select a product that they are well aware of its development and production process.

3.

Each group must identify areas where the presented technologies could be applied.

4.

Exploit advantages.



Around half a day



Small Group Discussion



Discover, Define, Develop & Deliver