EKFI PLUS
Innovation through cooperation

Mixed Reality in Print, Sign & Packaging

TEACHERS TOOLKIT

Leading organization: Arteveldehogeschool

Innovation through cooperation (EKFI PLUS) is a European project that aims to combine the sustainable ideas through education and training with innovative ideas within the sector.
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The project partners and associated partners within this program are:

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Project website: https://www.ekfi-project.com/

01 Use Case Development

Media used for this lesson is:

- Power point (ENG):
    - Introduction
    - Exploration
- Digital Whiteboard
- Computers with internet access
- Research about local festival (ex. https://www.tomorrowland.com/home/)

02 AI Integration

Media used for this lesson is:

- Power point (ENG)
- Full text research paper
- Digital whiteboard
- Computers with internet access

03 WORKFLOW for packaging production

Media used for this lesson is:

- Digital whiteboard

- Computers with internet access

- Test in teacher's manual

04 Universal checklist for printing

Media used for this lesson is:

- Workflow:
    - 3D printing assignment
    - Flexography assignment
    - Offset assignment
- Digital whiteboard
- Computers with internet access

05 Creating Mock-Ups with Photoshop / Adobe Software

Media used for this lesson is:

- Guided by a recorded tutorial & examples: https://www.visualdesignart.be/ekfi/
- Digital whiteboard
- Computers with internet access
- Access Adobe Software

06 Production of Print, Packaging and Signage

Media used for this lesson is:

- Power point (ENG)
- You Tube links file for
    - Postpress
    - Digital Printing
    - Screen printing
    - Flexography
    - Offset lithography
- Digital whiteboard
- Computers with internet access

07 Digital Experience

Media used for this lesson is:

- Power point (ENG)
    - History of VR
    - QR code
- Digital whiteboard
- Computers with internet access