



DEMO or DIE

Develop Engaging Massive Open Online Resources for Designers Innovative Education



www.demoordieproject.eu

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Project No. 2020-1-PT01-KA202-078850

ARE YOU?

- ☑ **Students** from Vocational Education and Training, aged above 16 years, and /or Higher Education (HE)
- ☑ **Worker/Professionals** from the Health and Artistic sectors (e.g. archaeologists, architects, etc.), without link to manufacturing

WOULD YOU BE INTERESTED IN?

- ☑ Introducing young people to **multi-skilled** technology
- ☑ Understand **3D Printing** benefits, limitations and technical challenges
- ☑ Increase your **knowledge** and **skills** on 3D Printing
- ☑ Become confident using a 3D Printer for create polymers printed parts with **Material extrusion** process

TRY OUT DOD MATERIAL EXTRUSION 3D PRINTING DESIGN AND OPERATION COURSE:

- ☑ **Accessible** - Free and open access
- ☑ **Flexible** - You define your learning path or just follow a recommended path

- ☑ **Adjustable** - 100% online or combined (online and face to face)
- ☑ **Attractive activities** – Moodle learning platform, videos, interactive video game and TinkerCAD
- ☑ **Self – assessment:** Asses your progress with interactive quiz
- ☑ **Practical focus** - Create your 3D printing project
- ☑ **Available Languages:** English, Portuguese, Spanish and Greek




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WHAT YOU WILL LEARN?

 **COURSE / TRAINING PROGRAMME in Material Extrusion 3D Printing Design and Operation (Basic level).**

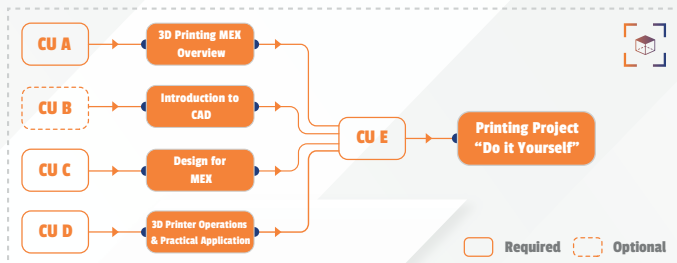
 **Duration:** 17.5 hours with expected **workload** of 35 hours.

 **Knowledge:** Concepts of design for material extrusion polymer 3D printing process.


 **Skills:** Create 3D CAD models, prepare for the print process, execute the printing process as well as the post-processing and to undertake basic troubleshooting of material extrusion polymer 3D printers and printed parts.


 **Autonomy & Responsibility:** Work under supervision, taking personal responsibility for own actions and for the quality and accuracy of the work produced.


COURSE FIVE MODULES:



PARTICIPANTS' IMPRESSIONS:

 "Lots of interesting overview of different **processes** and **materials**"

 "The whole event is **clear** and **easy** to understand. The tool is useful such like the **shape library**"

 "Presentation is **clear**, and videos were **informative** and **instructive**"

Follow DEMO or DIE activities online:
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