REBOOT SKILLS

Introduction to Additive Manufacturing

This course will cover the fundamentals of additive manufacturing (AM) and present the state of practices in a variety of polymer and metal AM techniques.
It intends to educate industry practitioners on what the AM technology can offer to the broader manufacturing sector. The course is provided by experts from the University of Limerick (Ireland) and the University of Oulu (Finland) in cooperation with Skillnet and DIMECC.

For Whom

Engineers, technologists, technical managers and any other persons interested in learning about the potential behind the use of AM technology in the development and manufacture of new or enhanced products and services.

About the Course

- Fully online 8-week course, in English, with support provided in Finnish by teaching assistants.
- 1.5-hour live weekly sessions: 1 hour lecture, followed by 30 minutes of moderated interaction.
- Includes a full AM-inspired product design exercise.
- All course material and the recordings of sessions will be accessible via a virtual learning platform.
- Jointly delivered by AM experts from the University of Limerick (Ireland) and the University of Oulu (Finland).

Benefits for you and your business

1. Learn about AM technologies and processes

2. Gain exposure to new design thinking and tools for AM

3. Add value to your company systems and skillsets

4. Learn from the experience of your peers within the manufacturing sector in Ireland and Finland

Weekly Schedule and Topics (60 Minute Live Session + forum activity)

Time: 13:00 in Ireland, 15:00 in Finland

25.10.2023	Introduction to course - Material Extrusion (MEX)
1.11.2023	Vat Photopolymerisation (VP)
8.11.2023	Polymer Powder Bed Fusion (P-PBF)
15.11.2023	Design for Additive Manufacturing (DfAM) 1
22.11.2023	Wire Arc Additive Manufacturing (WAAM)
29.11.2023	Metal Power Bed Fusion (M-PBF)
5.12.2023	Design for Additive Manufacturing (DfAM) 2
13.12.2023	Design for Additive Manufacturing (DfAM) 3

Register: Here or scan the QR Code to start the registration process

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In cooperation with: UNIVERSITY OF LIMERICK OLLSCOIL LUIMNIGH | UL@Work — UNIVERSITY OF OULU — Skillnet IRELAND — DIMECC