

3D  
360

SKILLS  
FOR LIFE

SKILLS BOOTCAMPS

# Cumbria: Skills Bootcamps

funded by the Department for Education

This training has been made possible thanks to Cumbria securing funding for Skills Bootcamps forming part of the Government's Lifetime Skills Guarantee and funding through the DfE National skills fund.



• Self and Unemployed are 100% funded = Total cost **£0**

• SME`s under 250 employees are 90% funded = to the employer **£250** per learner

• OEM`s over 250 employees are 70% funded = to the employer **£750** per learner

**66 hours of Guided learning + 20 hours self-study over 8 - 12 weeks.**

Our Skills Bootcamps provide an understanding of the wonders & capabilities of Additive / Digital manufacturing & Industry 4.0

## **Intro to Additive Manufacturing and 3D CAD Skills Bootcamp (Level 3)**

Course teaches learners the ability to design, 3D Print and understand how to design for Additive. Each learner builds a Creality Ender 3 to take away and keep.

Includes a  
**Free 3D Printer**



- What is Additive Manufacturing?
- Design for Additive Manufacture (DfAM)
- Build and calibrate a 3D printer
- Convert CAD files & slicing software
- 3D CAD (Computer Aided Design) - 3D modelling
- Advanced materials & printer settings & service

**8 weeks - Hybrid Delivery. Aimed at new users to AM and CAD (Apprentices, Graduates, Technicians).**

## **Digital Manufacturing and Industry 4.0 Skills Bootcamp (Level 3)**

Great introduction and overview of digital manufacturing and applications for each technology within industry. Eases the transition and integration of industry 4.0.

- What is Industry 4.0?
- Robotics and Advanced Automation
- IoT (Internet of Things) What is it?
- Digital twinning Factory of the future
- Intro & Design for Additive Manufacturing
- 3D CAD (Computer Aided Design) - 3D Modelling
- 3D Scanning
- Applications for Augmented & Virtual Reality

**11 weeks - Virtual Delivery.**

**Suitable for Apprentices, Graduates, Manufacturing Engineers and Project Managers.**

*Unsubsidised Bootcamps would normally cost £2,500 per learner.*

### **Eligibility to attend a Skills Bootcamp**

Live in Cumbria - (Allerdale, Barrow, Carlisle, Copeland, Eden, South Lakeland).

You must be over 19 on the 31st August 2022, & have the right to work in the UK.

You are only eligible for one Skills Bootcamp per funding year.

Open to: Employed, Self-Employed or Recently Unemployed people.

For more information contact our Skills Bootcamp team on **01942 901 360** or email to book your place:

**[skillsbootcamps@3d360printer.co.uk](mailto:skillsbootcamps@3d360printer.co.uk)**

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