



- 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.

- What is Additive Manufacturing?
- Design for Additive Manufacture (DfAM)
- Build and calibrate a 3D printer to a print ready condition
- Convert CAD files to a printable state using Cura slicing software
- 3D CAD - Solid modelling, sheet metal, surfacing, detailing, assemblies
- Advanced 3D printer materials and printer settings
- Basic service, fault diagnosis and maintenance

**66 hours guided + 20 hours self-study over 8 weeks. Hybrid Delivery.**  
**Aimed at new users to AM and CAD (Apprentices, Graduates, Technicians).**

Includes a  
**Free 3D Printer**



### **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
- 3D scanning
- Introduction & Design for Additive Manufacturing
- 3D Computer Aided Design (CAD) 3D Modelling
- Applications for Augmented & Virtual Reality

**66 hours guided + 20 hours self-study over 11 weeks. Virtual Delivery.**  
**Aimed at Apprentices, Graduates, Manufacturing Engineers and Project Managers.**

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

**'Home of Fully Funded Training'**

➤ Training ➤ Consultancy ➤ Technical Sales ➤ Equipment Repairs ➤ Advice & Support

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