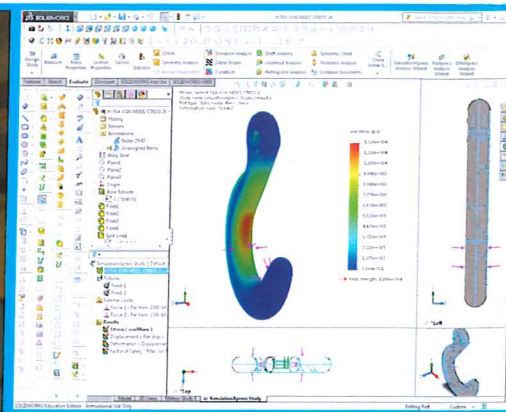
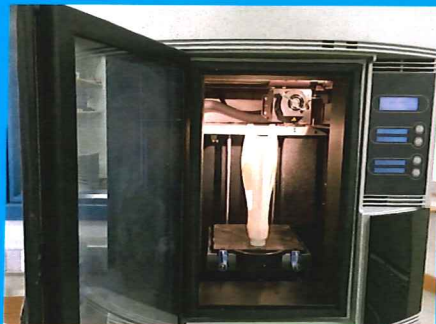


Engineering & Product Design



Assisting **your business** is our business.

Industry Upskilling, Bespoke Customised Training, Technical Mentoring, Knowledge Transfer and research Development (r&D).



Knowledge and Skills in:

Product Design and Development

- 2D and 3D CAD development
- Design for Manufacturing and Assembly (DFMA)
- Finite Element Stress Analysis (FEA)
- Product animations
- Materials analysis and selection
- Bill of materials
- Supplier sourcing
- 3D printing
- Prototyping
- Product testing
- Fabrication and machining
- PCB design
- Intellectual property
- CE marking

Manufacturing and Process Design

- Computer Aided Manufacturing (CAM)
- PLC and robotic control
- Hydraulics and pneumatics
- Business Improvement Techniques (BIT)
- Conformity of Production (COP)

Assistance Available:

- Identification of funding support
- New/improved product process or service development
- Research & development projects
- One-to-one mentoring
- Bespoke and accredited training
- Industry workshops

Facilities:

- 2D and 3D CAD software
- Rapid prototyping / 3D printing equipment
- CNC lathe and milling machines
- Coordinate measurement machine
- ABB training robot
- Plasma cutter and laser
- CAD CAM, Master CAM & Edge CAM
- Fabrication and welding facilities



www.nwrc.ac.uk/bsc



For Further Information Contact:

Business Support Centre
North West Regional College
Strand Road Campus, BT48 7AL



(028) 7127 6170



businesssupport@nwrc.ac.uk

Supporting your Business





Supporting your Business