Working together to transform lives

Enquiries
Email: hello@bradfordcollege.ac.uk
Telephone: 01274 088 088

Foundation T Level: Engineering



Subject Area	Engineering
Course Type	School Leavers
Study Level	Level 2
Delivery Mode	Full-time
Duration	1 Academic Year
Start Date	September 2027
Course Code	PA000407

View on **bradfordcollege.ac.uk**

Course Summary

Are you ready to kick-start your journey into the world of engineering?

Engineers are in high demand across West Yorkshire, and this course will equip you with the knowledge and experience to take advantage of exciting career opportunities. With a mix of problem-solving, analytical thinking, and industry insights, this course sets you up for success in a high-demand sector.

Why choose a Foundation T Level?

- Practical Engineering Skills – Get hands-on experience using industry-standard tools and machinery.
- Learn Engineering Principles – Understand the science and math behind engineering.
- Prepare for Your Future Career – Gain the knowledge and experience for your

future career.

This course is ideal for you if:

- You enjoy problem-solving and hands-on learning.
- You're interested in how things work and how to improve them.
- You're thinking about a future in engineering and want a strong foundation to build on.

Apply now to start your journey in Engineering!

What You Will Learn

Skills you'll develop:

- Health & Safety – Understand health and safety regulations, learning the responsibilities of everyone in an engineering environment.
- Effective Communication – Master how to share ideas clearly using different communication systems and find key engineering information.
- Technical Drawing Interpretation – Learn how to read and understand engineering drawings and specifications, a crucial skill for design and production.
- Teamwork & Problem-Solving – Develop skills in collaboration, conflict resolution, and working effectively within engineering teams.
- Materials & Their Properties – Explore the materials used in engineering, including their physical properties and how they impact design and manufacturing.

Modules

Core modules:

- Working in Engineering
- Engineering Principles
- Manufacturing Principles
- Turning Techniques
- Computer-Aided Design and Manufacture
- Sustainability

Entry Requirements

Entry requirements are GCSEs at grade 4 Maths and 3 English Language.

Work Experience

Progression

After completing this Foundation T Level, you'll be ready to pursue:

- Progression to our T Level in Engineering: Design & Development.
- Apprenticeships in Engineering, Manufacturing, and Maintenance & Operations.
- Further study in engineering-related fields.

With the options of mechanical or electrical specialism

Disclaimer: Our prospectus, college documents and website are simply here to offer a guide. We accept no liability for any inaccurate statements and are not responsible for any negative outcomes if you rely on an inaccurate statement. We reserve the right to withdraw any programmes or service at any time.