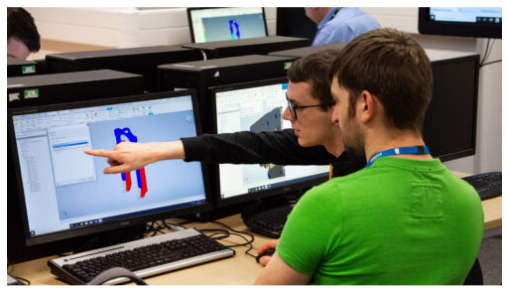
Working together to transform lives

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

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	PA000089

View on **bradfordcollege.ac.uk**

Course Summary

Are you ready to take the next step in engineering?

Our Level 2 Engineering course is perfect for hands-on learners who want more real-world experience. You'll spend most of your time in the workshop, using professional tools and machines. You'll build your skills in fabrication, machining, and maintenance – all the things that matter in a real job.

Why choose this course?

- Hands-On Learning – You'll learn by doing, working with real tools and equipment used in the engineering industry.
- Industry Skills – Develop key skills like fabrication, machining, and maintenance that employers look for.
- Great Progression Opportunities – This course helps you move on to further training, an apprenticeship, or into work.

Is this course for me?

- You enjoy working with your hands and solving problems
- You're ready to build on your basic engineering knowledge
- You want to learn in a workshop, not just a classroom
- You're aiming for a job or apprenticeship in engineering

Take the next step in your engineering journey. Apply now and build the skills you need for your future.

What You Will Learn

Skill's you'll develop:

- Working Safely – Learn how to follow health and safety rules in a busy workshop environment.
- Using Engineering Tools and Machines – Get confident using real tools and equipment used in the engineering industry.
- Welding Techniques – Gain hands-on experience in MMA, MIG, and oxy-acetylene welding methods.
- Metalwork and Fabrication – Build skills in sheet metalwork, platework, and fabrication tasks.
- Fitting and Assembly – Learn how to carry out basic fitting tasks and mechanical assembly work.
- Reading Engineering Drawings – Understand how to read and use technical drawings for real jobs.
- Problem Solving – Develop the ability to think through tasks and fix issues as they come up.
- Workplace Skills – Grow skills like teamwork, time management, and communication—important for any job.

Modules

Core modules:

- Working in Engineering
- Engineering Principles
- Principles of welding
- Producing components using MIG Welding
- Producing components using Sheet Metal

Personal protective equipment (PPE) is a must have for this course.

You will need:

- Safety boots and fire-retardant overalls. These will be provided should you meet the conditions of the bursary*.

***Please note*:** *If your household income is £60,000 or below you may be eligible for a bursary to support things like: travel, meals, specialist equipment/clothing and childcare. To find out more, visit our* Financial Support *webpage.*

Entry Requirements

Entry to this course requires GCSE English Language and Maths at a grade 3 and a Level 1 qualification in Engineering.

Work Experience

Gain hands-on experience in real-life industry settings!

For this course you must undertake employer involvement activities, where you'll dive into the world of work and gain the skills employers are looking for.

With this, you'll have hands-on experience to showcase on your CV, showing your industry skills to employers.

Progression

After completing this course, you'll be ready to pursue:

- Progression to our **Level 3** Engineering course or **T Level in Engineering: Design & Development**.
- Apprenticeships like fabrication, welding, mechanical engineering, or maintenance.
- Roles such as Engineering Operative or Fabrication Assistant.

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.