



# Foundation T Level: Engineering



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Subject Area	Engineering
Course Type	School Leavers
Study Level	Level 2
Delivery Mode	Full-time
Duration	1 Academic Year
Start Date	August 2026
Course Code	PA000407

## 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**

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### **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**

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### **Core modules:**

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

## Entry Requirements

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

## Work Experience

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## Progression

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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

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