

# Foundation T Level: Engineering

Subject Area	Engineering
Course Type	School Leavers
Study Level	Level 2
Delivery Mode	Full-time
Location	Trinity Green
Duration	1 Academic Year
Start Date	September 2025
Course Code	

## Course Summary

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The course is an ideal stepping stone if you are interested in pursuing a career in Engineering. There is a consistent demand for skilled mechanical engineers across West Yorkshire, so this course has been designed to meet this employment need. This course combines engineering theory with hands-on practical experience to prepare you for the T Level in Engineering, which focusses on both technical skills and workplace experience. You will learn practical engineering skills through hands-on use of tools and machinery, preparing you for the technical requirements of the T-Level course. Your problem-solving and analytical thinking skills will be developed, which will be essential for tackling engineering challenges in the real world. You will learn about industry standards and practices.

## What You Will Learn

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You will learn:

- About engineering health and safety requirements and the responsibilities of everyone involved
- How to communicate effectively using different systems and how to find engineering information

- How to understand drawings and specifications including what is included in technical drawings and how to interpret them
- About working in engineering including policies, teamwork, conflict resolution and working effectively
- About the materials used in production and engineering and their physical properties

## Modules

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

## Entry Requirements

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## Assessment

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Producing Engineering Products and inspection charts, Practical Observations, Multiple Choice Evolve exams, Short Answer Exams, Project Presentation and End of Year Foundation to T-Level Exam.

## Progression

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Progression to Design and Development in Engineering T-Level.