

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

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

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

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

Entry Requirements

Assessment

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

Progression to Design and Development in Engineering T-Level.