



## T Level Foundation Programme - Engineering, Manufacturing, Processing and Control - E197

The T Level Foundation Programme in Engineering and Manufacturing is intended for those who are intending to progress on to a T Level in the coming year but do not yet meet requirements to join. This course provides a firm foundation to progress on to the T Level in Engineering Manufacturing, Processing and Control.

You will learn a wide range of engineering skills and techniques, which will give you a head start into a successful career in engineering.

Learners will be able to demonstrate three outcomes within the qualification by the end of the programme:

1. Propose design solutions to meet specifications
2. Apply practical skills to produce engineering products
3. Solve problems with innovate engineering ideas

In addition, you will gain valuable insight to industry practice and carry out work placements with engineering companies.

This transition programme is perfect for anyone, who is looking to progress on to a T Level in Engineering and Manufacturing.

## COURSE DETAILS

The T Level Foundation Programme in Engineering and Manufacturing will prepare you for the T Level in Engineering Manufacturing, Processing and Control.

As part of the course, you will focus on gaining the skills, knowledge and behaviours needed within the engineering industry as well as learning the following specialist units:

- Working in an Engineering Environment
- Engineering Techniques
- Fabrication and Welding Principles
- Manual Welding Techniques

You will carry out work placement with an engineering company to develop and enhance your technical and employability skills.

Furthermore, you will continue to develop your Maths and English skills which will equip you with the foundations to progress onto our T level programme.

## ENTRY GUIDELINES

This is a Study Programme and applicants must be 16 or 17 years of age when applying (on or before 31st August).

To study a T-Level foundation programme, you will need:

A minimum of 4 GCSEs at grade 3 including English or Maths at grade 4 (or Level 2 Functional Skills in English and Maths)

OR

Aspiring Professional or relevant Level 1 qualification and English or Maths at grade 4 or above (or L2 Functional Skills in English and Maths)

Applicants should be ready to complete a work placement

If English is not your first language, you may need an assessment before enrolling on this course. To discuss further, please contact the ESOL department on 0151 551 7144.

## EQUIPMENT REQUIRED

PPE is required: Steel cap boots, flame retardant overalls, workshop gloves, welding masks

## ASSESSMENT METHOD

100% internal assessments.

Students are required to complete and pass all components to achieve their qualification.

## ADDITIONAL INFORMATION

You will learn the fundamentals in developing skills to undertake a T level. This will involve hand skills, using a range of machines to help with manufacturing, along with health and safety in the workplace and understanding how to communicate with others. You will also develop your maths, English and digital skills along with the behaviours required to undertake a T level or gain employment.

## WHERE CAN I PROGRESS TO?

Students who achieve this qualification can progress onto the T Level Engineering, Manufacturing and Processing programme.

## WHEN DOES THIS COURSE RUN?

| CAMPUS | ATTENDANCE | COURSE CODE | PLANNED TIME TABLE |
|--------|------------|-------------|--------------------|
|        | Full Time  | E197Q001    |                    |

For advice and guidance, please contact Student Services via our [online enquiry form](#)

This information was current on 19th September, 2024 and may be subject to change.