

WELCOME TO ENGINEERING AT KIRKLEES COLLEGE

T LEVEL – ENGINEERING, MANUFACTURING, PROCESSING AND CONTROL

Occupational Specialism: Machining and
Toolmaking Technologies

TOPICS COVERED

- Principles of Working in Engineering, and Health and Safety
- Principles of Mechanical, Electronic, and Mechatronics
- Engineering Representations - Drawing
- Quality and Project Management
- Business, Commercial and Financial Awareness and Stock and Asset Management
- Professional Responsibilities, Behaviours and Continuous Improvement
- Practical skills: CNC Practical, Milling/Turning, CAD/CAM, Hand Fitting

ASSESSMENT

T Levels are exam-based. In the first year, students will sit two core knowledge exam papers in June. They will also complete an employer-set project, which contains controlled assessments.

INDUSTRY PLACEMENT

To achieve the T Level qualification students are required to undertake an industry placement for a minimum of 315 hours.

Placement is planned to start in September of the second year and can be taken in a set block of nine weeks to give students the chance to get extensive experience in the engineering industry.

Industry placements are a mandatory aspect of the T Level where students are required to work towards achieving set learning goals for their T Level certificate to be awarded.



CLICK HERE

*to see an example of
the industry placement
objective, typical activities,
and learning goals to be
achieved by a
student.*



SUPPORT

We have dedicated teams to support both employers and students.

WORK PLACEMENT OFFICER:

Supports employers to match with the right student and help plan the industry placements. They provide ongoing support for the duration of the placement and monitor the students progress.

PERSONAL DEVELOPMENT TUTOR:

Supports students to prepare for their placement and develop the skills and behaviours needed to successfully complete their placement.

CAREER PROGRESSION

After completing a T Level, students can progress to a higher apprenticeship or onto a HNC/HND or degree, as a number of major UK universities accept T Levels.

T Levels students can progress to employment in the following roles:

- **Electronics Engineering Technician**
- **Mechanical Engineering Technician**



FINANCIAL SUPPORT

Students can access help for travel and some other costs associated with attending their placement.

Additional support is available to enable learners with specialist educational needs and disabilities to access and successfully complete a quality industry placement.



CONTACT

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