

JOB OF THE WEEK

What is it?

Electrical Engineering Technician – or EET, main duties are to assist electrical engineers in designing and developing electrical equipment and control systems. They also test equipment and analyse the results of those tests, which they include in regular reports.

An insight to Engineering Degrees: [Engineering | The University of Sunderland](#)

Day to day tasks

- Assembling electrical and electronic systems and prototypes
- Inspecting designs for quality control, reporting findings, and providing recommendations
- Visiting construction sites to view the conditions that may affect a certain design
- Finding solutions for technical design problems that occur during the construction of electrical systems
- Adjusting and replacing broken electronic components and circuitry
- Drawing diagrams with specifications to clarify the design details of experimental electronic units

Qualifications

Apprenticeship/College Course 4/5 GCSEs – grades 9 – 4 for level 3 course, including English and Maths
T Levels – 4/5 GCSEs grades 9 – 5 including English Maths and Physics or Chemistry
A Levels – 5 GCSEs grade 6+

Salary

Starting salary is typically from **£24,000 for newly qualified, rising to £43,000 locally (NE) for an experienced Electrical Engineer up to £52,000 nationally.**

Jobs and labour market

Weekly Pay	Annual Pay
£1,000	£52,000
Hours/Week	Hourly Pay
39h	£26

Workforce Change (projected)

Growth	Replacement
3.3%	39.3%

Routes into the industry

- A Levels – then Higher Apprenticeship/Degree/Higher Diploma
- A university - you can do a foundation degree or higher national diploma in Electrical/Electronic Engineering.
- An Apprenticeship
- College – to teach you some of the skills needed for the job and may help you to find a trainee/apprenticeship position.