JOB OF THE WEEK

What is it?

Telecommunications Engineer – they design, develop, and maintain computer networks and computer software used in the telecommunications industry. They ensure that all telecom services and devices function as required, and perform phone system installation, maintain wireless devices, routers, IT networks, cable systems, optical fibre, and other telecom technologies and equipment.

Day to day tasks

- set up mobile, fixed communications and data networks

- repair lines and equipment on mobile masts and antennae

- lay and test underground and underfloor cabling

- find and fix faults, including using software remotely

- design, build and test components and equipment

- communicate with customers in person, on the phone or online

Qualifications

5 GCSEs – grades 9 – 6 including English and Maths and Science
A Levels – at least 2 including Maths and a Science.
Relevant Degree

Salary

Starting salary is typically £19,000 - £30,000.
Once qualified you could earn £30,000 - £50,000.
At senior level you could earn in excess of £60,000
The national average wage in the UK is £39,350

Jobs and labour market

-6.7% decline in job vacancies.
Leading to -3,600 fewer jobs by 2027.

In the same period, **51.3%** of the workforce is projected to retire, creating **27,700** job openings.

Routes into the industry

Accredited degree in a relevant subject such as telecommunications, electronic engineering, computer science, physics, or maths. It is also possible to enter with a Level 3 Diploma or and HND in a relevant engineering subject but may be limited to work at a technician Level.
Higher Level Apprenticeship.
Find out more here: Telecoms engineer | Explore careers | National Careers Service