# See the source image**Job title: Signalling Technician**

|  |  |
| --- | --- |
| **Job title: Signalling Technician**  | Signalling technicians maintain and repair rail telecommunications equipment and signalling systems. |
| **Entry requirements:**  | **Apprenticeships:**You could get into this job through a rail engineering technician advanced apprenticeship or an advanced apprenticeship in rail infrastructure engineering: signalling.You could also do a higher apprenticeship for high speed rail and infrastructure technicians.Apprenticeships are offered by rail engineering companies, Transport for London and Network Rail.You'll usually need:* 5 GCSEs at grades 9 to 4 (A\* to C), including English and maths, for an advanced apprenticeship
* 4 or 5 GCSEs at grades 9 to 4 (A\* to C) and A levels, or equivalent, for a higher or degree apprenticeship

**Direct Application:**You may be able to apply directly to rail engineering companies if you've got experience and qualifications in electricalor electronic engineering fromanother industry, or from the armed forces. |
| **Skills required:**  | You'll need:* to be thorough and pay attention to detail
* knowledge of transport methods, costs and benefits
* patience and the ability to remain calm in stressful situations
* the ability to accept criticism and work well under pressure
* the ability to work well with others
* to be flexible and open to change
* physical skills like movement, coordination, dexterity and grace
* knowledge of public safety and security
* to be able to carry out basic tasks on a computer or hand-held device
 |
| **What you'll do:**  | Your day-to-day tasks may include:* installing new signalling systems
* carrying out routine maintenance checks
* measuring and recording equipment test readings
* upgrading radio and electronic communications networks
* finding and fixing equipment faults on-site
* repairing more complex faults back in the workshop
 |
| **What you’ll earn:**  | £14,000 Starter *to* £40,000 Experienced |
| **Working hours, patterns and environment:** | * 41-43 hours per week
* Evenings / weekends / bank holidays away from home
* You could work on rail tracks, in a control room or in a workshop.
* Your working environment may be outdoors some of the time, you'll travel often and noisy.
* You may need to wear protective clothing.
 |
| **Career path and progression:** | With experience, you could move from junior to senior technician jobs and take on team leading responsibilities. With more qualifications and experience you could become a signalling designer or incident investigator. |