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| **Job title** | Broadcast Engineer |
| **Description** | Broadcast engineers make sure television, radio and online programmes are broadcast at the right times and are high quality. |
| **Entry requirements:**  | You can get into this job through:**University** - You'll need a degree to apply for a graduate training schemes. Useful subjects include:* broadcast engineering
* broadcast technology
* electronics
* physics
* computer science

Entry requirementsYou'll usually need:* 5 GCSEs at grade 4 (C) or above, including English and maths
* 2 to 3 A levels for a degree
* You can get started by doing a degree apprenticeship as a broadcast and media systems engineer.

**Apprenticeship** - This apprenticeship is a recognised qualification for Professional Registration with the Engineering Council at either ICT Technician (ICTTech) or Engineering Technician (EngTech) level.Entry requirementsYou'll usually need:* 5 GCSEs at grades 9 to 4 (A\* to C) including English and maths and science
* 2 A levels including maths or science

Or you can start on an in-house engineering training scheme like the BBC's degree apprenticeship. |
| **Skills required:**  | You'll need:* To be thorough and pay attention to detail
* Knowledge of computer operating systems, hardware and software
* The ability to work well with others
* Broadcasting and telecommunications knowledge
* The ability to accept criticism and work well under pressure
* To be flexible and open to change
* Ambition and a desire to succeed
* Knowledge of media production and communication
* Being able to use a computer terminal or hand-held device may be beneficial for this job.
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| **What you'll do:**  | Your duties could include:* Setting up studio equipment for transmission and editing
* Designing and setting up audio and video circuits
* Installing multimedia hardware, software and other digital broadcast technology systems
* Setting up and operating links between studios and ob units
* Editing programmes live as they’re being transmitted or recorded
* Testing and servicing equipment
* Finding and repairing technical faults
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| **What you’ll earn:** **[*These figures are a guide.]*** | Starter: £20,000Experienced: £50,000 |
| **Working hours, patterns and environment:** | * You could work at a tv studio, at a film studio or in a workshop.
* Your working environment may be you'll travel often and outdoors in all weathers.
* 40 to 44 hours a week – evenings and weekends occasionally
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| **Career path and progression:** | * With experience, you could move into management.
* You could also work freelance.
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