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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 requirements You'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 requirements You'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. |
| **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 |
| **What you’ll earn:**  **[*These figures are a guide.]*** | Starter: £20,000  Experienced: £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 |
| **Career path and progression:** | * With experience, you could move into management. * You could also work freelance. |