**Job title: Broadcast Engineer**

|  |  |
| --- | --- |
| **Job title: Broadcast Engineer** | 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:** | * Starter: £20,000 * Experienced: £50,000   *These figures are a guide.* |
| **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. |