



Broadcast Engineer -

making sure television, radio and online programmes are broadcast at the right times and are high quality



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| <p>Entry requirements: You can get into this job through:</p> <p>University - You will need a degree to apply for graduate training schemes. Useful subjects include:</p> <ul style="list-style-type: none"> • broadcast engineering • broadcast technology • electronics • physics • computer science <p>Entry requirements You will usually need:</p> <ul style="list-style-type: none"> • 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. <p>Apprenticeship - This apprenticeship is a recognised qualification for Professional Registration with the Engineering Council at either ICT Technician (ICTTech) or Engineering Technician (EngTech) level.</p> <p>Entry requirements You will usually need:</p> <ul style="list-style-type: none"> • 5 GCSEs at grades 9 to 4 (A* to C) including English and maths and science • 2 A levels including maths or science <p>Or you can start on an in-house engineering training scheme like the BBC's degree apprenticeship.</p> | <p>Skills required: You will need:</p> <ul style="list-style-type: none"> • 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. |
| <p>What you will do: Your duties could include:</p> <ul style="list-style-type: none"> • 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 | <p>What you will earn:</p> <ul style="list-style-type: none"> • Starter: £20,000 • Experienced: £50,000 <p><i>These figures are a guide.</i></p> |
| <p>Working hours, patterns and environment:</p> <ul style="list-style-type: none"> • You could work at a tv studio, at a film studio or in a workshop. • Your working environment may mean that you'll travel often and outdoors in all weathers. • 40 to 44 hours a week – evenings and weekends occasionally | <p>Career path and progression:</p> <ul style="list-style-type: none"> • With experience, you could move into management. • You could also work freelance. |