



# Careers in STEM: Engineering

## Sound engineer

Sound engineers, also known as audio engineers or sound technicians, work in studios or on sets to record, amplify, enhance, mix or reproduce sound. Jobs are available in a variety of industries including radio, TV, music and theatre and job titles will vary.

Sound engineers may work in production to set up and operate equipment and they will use their expert technical knowledge to achieve the sound desired by the production team. In post-production, sound engineers will work with pre-recorded audio to mix and balance sound as well as creating extra sound effects.

Useful skills for sound engineers are:

- acute hearing and attention to detail
- technical and computing ability
- ability to work as part of a team and good communication skills

There are many routes into sound engineering, including undertaking a degree in sound engineering or music technology, or undertaking an apprenticeship. It is helpful for sound engineers to have good GCSEs or A Levels in maths, physics and electronics. Work experience is vital when looking for work in sound engineering. Finding part time work or volunteering with local radio, bands or theatres would be beneficial.

Visit the following websites for more information about futures in sound engineering:

<https://www.prospects.ac.uk/job-profiles/sound-technician-broadcasting-film-video>

<https://nationalcareers.service.gov.uk/job-profiles/studio-sound-engineer>

<https://nationalcareers.service.gov.uk/job-profiles/live-sound-engineer>

<https://nationalcareers.service.gov.uk/job-profiles/tv-or-film-sound-technician>