

Qualifications

England and Wales

- Minimum two A levels (most courses require A/B). Maths A level is required, and many qualifications providers prefer physics A level. Science-related subjects like computing, maths, and design can replace physics.
- Higher National Diploma (HND) (Level 5).
- National Vocational Qualification (NVQ) (Level 4-8).
- Higher apprenticeships (Level 4).
- Bachelor/Masters degree or Degree apprenticeships (Levels 5 - 7) e.g. Bachelor of Engineering (BEng).

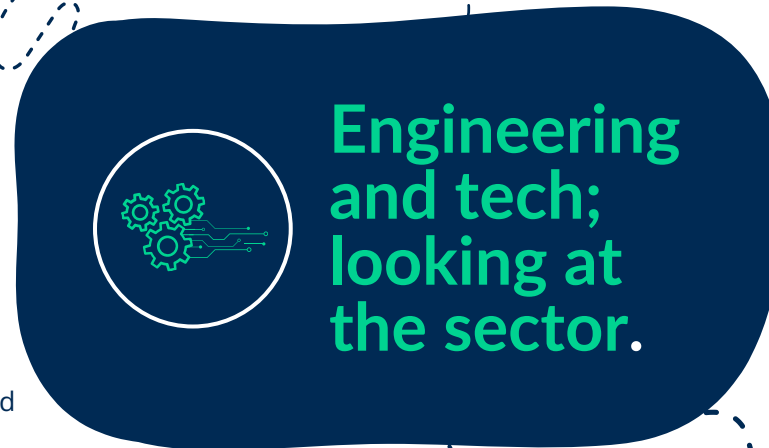
Scotland

- Scottish Highers (requirements range from ABBB to AAAAB), with universities and colleges typically requiring AABBB. Universities occasionally request Advanced Highers.
- Foundation apprenticeship (SCQF Level 6).
- Scottish Vocational Qualification (SVQ Level 2-5) - equivalent to SCQF Level 5-11.
- Honours degree/Modern or Graduate apprenticeship (SCQF Level 10).
- Masters degree/Graduate apprenticeship (SCQF Level 11).

153,800 estimated job openings by 2027

Useful skills

- Analytical and numeracy skills
- IT knowledge
- Creative problem solving
- An eye for detail
- Communication skills



**£38,480-
£48,360**
average salary

Related subjects

- Maths
- Physics
- Computer science
- Design technology
- Engineering

1.5m people currently employed in sector