

WHERE DO I START?

LEVEL 1

SCHOOL / COLLEGE / WORKPLACE

- GCSE (D-G / 4-1)
- BTEC / NVQ
- **Traineeships:** For 16 – 23 year olds qualified below L3

LEVEL 2

SCHOOL / COLLEGE / ON-THE-JOB TRAINING

- Apprenticeship (Intermediate) including: Engineering, IT, Construction, Built Environment, Manufacturing
- GCSE / IGCSE (A*- C / 9-5): Core subjects (at C or above)
Useful subjects: D&T, ICT, Computing, Engineering
- **Applied & Technical Qualifications:** Engineering, Construction and the Built Environment, Science, ICT

LEVEL 3

SIXTH FORM / COLLEGE / ON-THE-JOB TRAINING

- Advanced Apprenticeship: Engineering, IT, Construction, Built Environment, Manufacturing
- A level: Maths, Physics, Chemistry, Computing, D&T, Further Maths
- IB Diploma: Higher Level Maths, Physics (Chemistry for chemical and biomedical)
- **Applied & Technical Qualifications:** Engineering, Construction and the Built Environment

LEVELS 4 / 5 / 6 +

SIXTH FORM / COLLEGE / ON-THE-JOB TRAINING / UNI

- Advanced / Higher Apprenticeship in Advanced Manufacturing, Aerospace, Automotive, Power, IT, Construction, Sustainable Technologies

Combines workplace training with study. Typically 1 - 3 years. Can include vocational qualifications or a degree .

- HNC / HND
- HE degrees (offered at University or College): In general engineering, a specific field of engineering, computer science, manufacturing or technology (BEng / MEng)

PROGRESSING TO...

CAREERS INCLUDING

Aerospace / Aeronautical Engineer
Biomedical Engineer Chemical Engineer **Civil Engineer** Structural Engineer **Electrical Engineer**
Electronic Engineer **Energy Engineer**
Marine Engineer **Materials Engineer**
Mechanical Engineer **Production Engineer** Manufacturing Engineer
Software Engineer Computing Engineer

PROFESSIONAL REGISTRATION

- Engineering Technician (EngTech)
- ICT Technician (ICTTech)
- Incorporated Engineer (IEng)
- Chartered Engineer (CEng)

TOP REGIONAL EMPLOYERS

General Dynamics **Marshall Tufflex**
TFC **Photek** Brightwell Dispensers
E-on Rampion Offshore
Windfarm Drallim

- A career in engineering can pay a salary of £35 – 65k a year.

FIND OUT MORE

Plumpton College
www.plumpton.ac.uk
Sigta
www.sigta.co.uk
Sussex Coast College
www.sussexcoast.ac.uk
Sussex Downs College
www.sussexdowns.ac.uk
UTC @ Harbourside
www.utc-harbourside.org
University of Brighton
www.brighton.ac.uk
University of Sussex
www.sussex.ac.uk

5,800 jobs are predicted in engineering and advanced manufacturing in East Sussex by 2025. The sector locally comprises approximately 750 businesses.



**Tomorrow's
Engineers**