

# Advanced engineering and manufacturing

Engineers work in all sectors – from sport and entertainment to space, power, construction and transport.

Engineers are essential for tackling climate change and sustainability.

## ▼ Norfolk

### Our engineering strengths

- renewable energy
- bio-tech
- food and drink manufacturing
- precision engineering
- clean tech
- advanced composites
- advanced electronics
- motorsport
- marine
- aerospace
- agri-tech

### Routes in options include:

- apprenticeship
- T-level or A levels
- BTEC or other college course
- HNC or HND
- degree
- higher or degree apprenticeship
- graduate scheme
- postgraduate degree

### Some Norfolk employers

- Lotus Group
- Mussett Aerospace
- KLM UK Engineering
- Bespak

### Find out more

[neonfutures.org.uk](https://neonfutures.org.uk)  
[www.mathscareers.org.uk](https://www.mathscareers.org.uk)  
[www.iop.org/careers-physics](https://www.iop.org/careers-physics)  
[www.electricalcareers.co.uk](https://www.electricalcareers.co.uk)  
[www.technicians.org.uk](https://www.technicians.org.uk)

### Wanted!

The UK needs more young people and more diversity in its workforce – especially women.

### Do you have what it takes?

#### 10 Top Skills and Qualities

Advanced digital & ICT skills  
Problem solving | Writing | Maths  
Attention to detail | Languages  
Analytical skills | Speaking | Design  
Creativity | Leadership | Teamwork

#### Useful Subjects

Chemistry | Languages | Physics  
Computer science | Design & technology  
English | Art | Maths | Business studies

### What could you earn?\*

Welder	£27,400
Motor vehicle technician	£28,300
CAD technician	£30,100
Heating & ventilation engineer	£31,700
Engineering technician	£36,500
Design & development engineer	£40,800
Civil engineer	£42,500
Electrical engineer	£50,400

\*ASHE 2021 median full-time earnings

