

BTEC Works for Engineering

Ever wanted to combine science and maths with creative design ideas to solve real-world problems? Then a BTEC in Engineering could be the course for you.

BTECs in Engineering are all about combining creative ideas with practical applications. From the aerospace and automotive industries to housing and healthcare, a BTEC in Engineering is the ideal choice for people with a creative flair and a pragmatic mind.

Did you know?

19% of the UK's total workforce is employed in the engineering sector.

**Engineering UK 2018 Synopsis and Recommendations*



What kind of career can I go into?

Whether you want to head for the stars, drill deep into the earth – or help build and improve the world around us, there's a job in Engineering for you, such as:

- Rail Track Maintenance Worker
- Medical Devices Maintenance Technician
- Mechatronics Technician
- Welder
- Manufacturing Engineer
- Chemical Plant Process Operator

Units at a glance

If you choose to study a BTEC in Engineering, you could study units such as*:

Level 2

- Exploring Engineering Specialisms and Design Applications
- Investigating an Engineering Product
- Responding to an Engineering Brief

Level 3

- Delivery of Engineering Processes Safely as a Team
- Engineering Product Design and Manufacture
- Microcontroller Systems for Engineers
- Calculus to Solve Engineering Problems

Level 4 / Level 5

- Aeronautical Engineering
- Automation and Control Engineering
- Computer Systems Engineering
- Nuclear Engineering
- Rail Engineering
- Space Technologies

** This is just a selection of the full range of units. Some units are optional and vary depending which qualification size you pick.*

Dean Hargreaves

Studied

BTEC HNC in Mechanical Engineering, Blackpool and The Fylde College.

Course highlights

Relating theory to practical applications and being able to have an open discussion on problems and solutions.

Next Steps

Dean is progressing in his role as a Service Manager Engineer.



The top 5 skills employers look for that you'll learn on this BTEC course



Problem-solving



Organisation



Digital skills



Research skills



Working with others