



ENGINEERING

BTEC

COURSE TITLE

BTEC Extended Diploma in Engineering Level 3

EXAM BOARD

Pearson Edexcel

METHOD OF ASSESSMENT

Examination and coursework.

KEY TOPICS

Engineering principles
Engineering product design and manufacture
Delivery of Engineering Process Safely as a Team
Applied Commercial and Quality Principles in Engineering
A Specialist Engineering Project
Electronic PCB Design & Manufacture
Computer Aided Design in Engineering
Mechanical Behaviour of Non-Metallic Materials
Analogue Electronic Circuits
Fabrication Manufacturing Processes

COURSE HIGHLIGHT

Gaining a range of hands-on experience in: Fabrication; Welding; Circuit Manufacture; CAD. This is backed up with visits to local and regional employers and organisations. In the previous year this included: Caterpillar; Teesside University.

CAREER LINKS

Automotive Engineering
Aerospace Engineering
Architectural Engineering
Biomedical Engineering
CAD/CAM Engineering
Chemical Engineering
Civil Engineering
Electrical Engineering
Environmental Engineering
Mechanical Engineering
Nuclear Engineering
Robotics Engineering
Sustainable Engineering
Systems Engineering

+ many, many more!

What will your engineering future look like?