



The Higher Diploma in Engineering

Every product purchased and used, from your trainers to the bus or car that you travel to school in, has required the skills of an engineer. The **Higher Diploma in Engineering** is an exciting opportunity for you to gain practical engineering experience, plus the chance to spend at least 10 days with a local employer where you can develop your skills.

You will produce a project that will demonstrate your engineering and design skills on products that could provide environmental solutions in underdeveloped countries, such as solar powered water pumps or alternative energy systems for transport.

The **Higher Diploma in Engineering** will provide you with suitable skills that are required for college, university or employment. Engineering covers a wide range of specialist areas including aerospace, electronics, electrical, mechanical, automotive, marine and medical, with over 1.7 million people employed within the sector.

The **Higher Diploma in Engineering** is available at Brumby Engineering College and Huntcliff School.

Sounds good? Ask your teacher or careers adviser about the Diploma if you think it is right for you. If you want to find out more, go to:

www.lincs2.co.uk | www.connexions-direct.com



The Diploma

Bringing learning to life

The Higher Diploma in Engineering

Principal Learning

- Unit 1: Exploring the Engineering World
- Unit 2: Investigating Engineering Design
- Unit 3: Engineering Applications of Computers
- Unit 4: Producing Engineering Solutions
- Unit 5: Electrical and Electronic Circuits and Systems
- Unit 6: Application of Manufacturing Techniques in Engineering
- Unit 7: Applications of Maintenance Techniques in Engineering
- Unit 8: Exploring Engineering Innovation, Enterprise and Technological Advancements

Generic Learning

Functional Skills: Maths, ICT & English

Personal Learning & Thinking Skills

10 Days Work Experience

Extended Project

Additional and/or Specialist Learning

Qualifications: A choice from your home school options

Study this Diploma at:

Brumby Engineering College or Huntcliff School
with some work at North Lindsey College

Entry Requirements:

5 A*-C GCSE Grades including English & Maths