

Pearson BTEC Level 4 Higher National Certificate in Engineering

Content:

This is a Level 4 Course consisting of eight units (four units per year) which is the first step onto the Higher Education (HE) ladder. Learners will be expected to combine learning from different areas using research to formulate their ideas and demonstrate their knowledge and understanding in written assignments. Assignments must be logically designed and demonstrate a good use of English grammar and punctuation and referenced throughout.

Further information about units can be found on the HNC supplementary information sheet. All units are assessed by learner assignments and graded at Pass, Merit and Distinction. There are currently no examinations.

Aimed at:

Anyone of any age who holds an appropriate entry requirement.

Entry Requirements:

It is essential that learners coming onto the course can work at Level 3 in Mathematics. Learners must also understand how the teaching and learning will differ at this level compared to lower level courses and what is expected of them.

It is a course requirement that all learners undertake a diagnostic maths assessment and attend an entry interview prior to acceptance onto the course.

Benefits / Progression:

HNC is a natural progression for learners who have completed our EAL Level 3 Diploma, a Level 3 BTEC National Certificate or some other course where they can demonstrate they have been working at Level 3 Maths, e.g. A Levels.

HNC's are highly regarded by employers and are the stepping stone on to BTEC Level 5 HND, as well as being accepted for entry to many University Degrees, often directly into the second year.

Location:

Gloucestershire Engineering Training (GET) - Barnwood Point, Gloucester.

Duration:

2 Years (day release)

Start Date:

September

Cost:

Enquire for the latest course details and Awarding body fees.

If you are interested in this or any of our courses please contact us on 01452 423461 or info@get-trained.org for more information or enrolment details.

Our Mission "Further learning and skills for the engineering industry"
Our Vision "To be the hub of Engineering Training Expertise in the County"

Pearson BTEC Level 4 Higher National Certificate in Engineering Pathway Information

Mechanical Engineering:

Year 1:

- Engineering Design
- Engineering Maths
- Engineering Science
- Materials, Properties and Testing

Year 2:

- Managing a Professional Engineering Project (Pearson-set)
- Mechanical Principles
- Fluid Mechanics
- Computer Aided Design and Manufacture (CAD/CAM)

Dual Skill Engineering:

Year 1:

- Engineering Design
- Engineering Maths
- Engineering Science
- Computer Aided Design and Manufacture (CAD/CAM)

Year 2:

- Managing a Professional Engineering Project (Pearson-set)
- Mechanical Principles
- Fluid Mechanics
- Electrical and Electronic Principles

Electrical and Electronic Engineering:

Year 1:

- Engineering Design
- Engineering Maths
- Engineering Science
- Digital Principles

Year 2:

- Managing a Professional Engineering Project (Pearson-set)
- Automation, Robotics and PLC
- Electrical and Electronic Principles
- Electronic Circuits and Devices

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