

BTEC National Foundation Diploma in Engineering (Mechanical) Level 3



In a nutshell

This qualification is designed to provide highly specialist, work-related understanding and technical skills that help prepare you for employment and progression opportunities to higher education, degree and professional development.

This course is for you if...

- ... You have previous experience or qualifications in this sector
- ... You want to develop an in-depth knowledge
- ... You're good at problem solving and you're hard working

What will I be doing?

You'll study units such as:



COURSE INFORMATION LEAFLET

Health and safety in the engineering workplace
Communications for engineering technicians
Mathematics for engineering technicians
Electropneumatic/hydraulic systems and devices
Engineering drawing for technicians
Mechanical principles and applications
Properties and applications of engineering materials
Computer aided drafting in engineering
Engineering primary forming processes
Engineering secondary and finishing techniques
Industrial plant and process control
Mechanical measurement and inspection techniques

You'll be assessed through assignments, reports, short tests, practical and portfolio work. Upon completion, you'll achieve:

Level 3 Extended Diploma Mechanical Engineering (180 credits)

[Skills Activities](#)

[Maths and English](#)

Other relevant qualifications to enhance your skill set

What is expected of me?

To enrol, you'll need a minimum of 5 GCSEs at Grade C or above, including Mathematics at Grade B and English/Welsh First Language, or an appropriate Level 2 Diploma qualification at Merit Grade and GCSE Maths and English/Welsh First Language at C Grade or above.

What comes next?

HNC Engineering at Coleg Gwent or other university-level study, an Apprenticeship or employment in the engineering sector.

Additional information

All costs are under review and subject to change.

Apply online at www.coleggwent.ac.uk

studentrecruitment@coleggwent.ac.uk | 01495 333777 (Croesawn alwadau yn Gymraeg)

