

EAL Diploma in Engineering Technologies Level 1



In a nutshell

This is an entry level course in the dynamic world of engineering technology

This course is for you if...

- ... You are in full-time education
- ... You want a career change
- ... You want a basic level of understanding about engineering

What will I be doing?

The qualification has been specifically designed to offer progression onto the EAL Level 2 Diploma in Engineering Technologies.

To earn this qualification, you must complete a range of mandatory and optional units,

including:

- 001 Intro to working in Engineering
- 002 Intro to machining engineering materials
- 003 Intro to cutting, forming and assembling engineering materials
- 005 Intro to electronics
- 006 Intro to electrical installation
- 007 Intro to electrical and mechanical maintenance
- 013 Intro to basic maths and science used in Engineering
- 015 Intro to CAD (Computer Aided Design)
- 016 Intro to CAM (Computer Aided Manufacture)

The course allows you to work towards a Level 2 Diploma in Performing Engineering Operations - a practical, competency-based qualification where you'll complete practical exercises and assessments in the engineering workshop.

You'll be assessed via exams, coursework, assignments, portfolio work, laboratory or practical assessments. Upon completion, you'll achieve:

EAL Level 1 Diploma in Engineering Technologies

[Skills Challenge](#)

Other relevant qualifications to enhance your skill set

What is expected of me?

To enter the course, you'll need a minimum of 4 GCSEs, Grade D or above, to include Maths at Grade D and English/Welsh First Language or an appropriate Entry Level qualification.

You'll need to be numerate, creative, have a keen interest in engineering, be self-motivated, hardworking, punctual and committed.

What comes next?

EAL Level 2 Diploma in Engineering Technologies

Progress onto a suitable apprenticeship or employment as a mechanical or maintenance technician, machinist, toolmaker or fitter/turner.

Employment in industry



COURSE INFORMATION LEAFLET

Additional information

You'll develop essential employability skills such as self-management, team working, business awareness, customer awareness, problem-solving, communication, basic literacy and numeracy and a positive attitude to work.

You'll need Personal Protective Equipment, such as boots and overalls, the cost of which is approximately £40.00. You'll also need to supply your own stationery and folders.

Apply online at www.coleggwent.ac.uk

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

