



For **new** or **existing** staff

Electrical and Electronic Engineering Higher Apprenticeship Level 4 HNC

Delivered by Gloucestershire College

This apprenticeship Framework is for those already in, or seeking a career in electrical and electronic engineering, covering the use of microprocessors, PLCs (Programmable Logic Controllers), power systems and control. This course received outstanding support from local and regional employers, and the competence and knowledge qualifications contribute to general competence as measured in the Engineering Council's UK specification and is endorsed by the IET.

Delivery model and duration:

Workplace delivery with 1 day per week at college

Duration: 24-42 months

Ideal for:

- Senior Design Engineers
- Senior Electrical/Electronics Engineers

The apprenticeship will cover the following core areas:

- Programmable logic controllers
- Research
- Microprocessors and systems
- Projects

Benefits to business

- Apprenticeships provide skilled workers for the future
- Apprenticeships increase staff loyalty and retention
- Apprenticeships increase a company's productivity
- Apprentices can revitalise a company

Qualification:

Level 4 Higher Apprenticeship in Electrical and Electronic Engineering

» **Completers may want to progress to**
Level 5 HND Electrical & Electronic Engineering
BSc/BEng Engineering (Hons)

Entry Criteria:

- BTEC in Electronic & Electrical Engineering
- City & Guilds with Bridging Maths
- A Levels in maths and science

Benefits for learners

- Gain a nationally recognised qualification
- Progress in your career quickly
- Option to progress onto degree level qualifications
- Gain a qualification endorsed by the IET



Why work with Gloucestershire College

We will work in partnership with you to help you achieve your business objectives by providing exceptional apprenticeship programmes, a comprehensive range of staff training and skills development courses and access to an unrivalled resource of motivated and work ready employees.

☎ 01452 563400

✉ business.hub@gloscol.ac.uk

🌐 www.gloscol.ac.uk/apprenticeships



gloucestershire college



Learning that works.

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Units

- Analytical Methods
- Engineering Science
- Electrical and Electronic principles
- Combinational and Sequential Logic
- Project
- Programmable Logic Controllers.
- Electronic Principles
- Microprocessor Systems

Components

- English
- Maths
- ICT
- ICTTS

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