Electrical and Electronic Engineering (Level 5)

Glasgow Kelvin College

Venues

Springburn Campus

Content

This NQ Electrical & Electronic Engineering Level 5 course at Glasgow Kelvin College introduces you to the fundamentals of electrical systems, electronics, and renewable energy technologies. You'll gain a balance of theory and hands-on experience, working in our fully equipped engineering labs and workshops.

You'll learn how electrical circuits work, how to test and measure components, and how to assemble and troubleshoot systems — all while building confidence, precision, and problem-solving skills. This course gives you a strong foundation to progress into further study or start your journey toward an apprenticeship or career in the industry.

You will study:
Electrical Principles & Power Systems; Mathematics & Communications; Electrical Machines & Safety; Circuit Building & Soldering; Software Programming; Electrical Testing & Wiring; Engineering Project Work.

Start Date

August

Qualification

NQ

Study Method

Full time

Course Length

1 year

Department

Engineering

Entry Requirements

4 subjects at National 4 including Maths and a science subject, or relevant national qualifications at SCQF Level 4.

SCQF Level

5

SCQF Points

«SCQFPoints»

Progression Routes

Relevant NQ at SCQF Level 6, HNC or HND courses

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

123 Flemington Street
Glasgow
G21 4TD

Website

www.glasgowkelvin.ac.uk