



Dumfries
and Galloway
College

MINI GUIDE

Electrical Engineering

Take your first step.





Lead the way into connecting the world and find your future in Electrical Engineering.

Get one step ahead and follow your passion towards an exciting and diverse industry with our electrical engineering courses.

With state-of-the-art equipment and the latest technology, our workshops will allow you to immerse yourself in the electrical engineering environment.

Start your journey today.

+ ✨
Our MISSION is to support the individual, social and economic development of the people, communities and businesses of Dumfries and Galloway by providing inclusive, accessible and relevant vocational and other learning opportunities in a positive and supportive environment.

Joanna Campbell – Principal & CEO



Gain the skills you
need to take you
where you want
to go.

Whether you
want to:

build your future

change your career

learn something new



We will provide you with the **tools to excel** with a **real skill-based route** into the **workplace or a positive destination** onto **further education**.



Ways you can study with DGC ↓



College Academy

Start your journey from school and you can shorten your education journey and potentially start full-time employment sooner in your chosen career pathway.



Study options to suit everyone

From full-time, part-time or over just a few days, choose your course and way to study.



Study locally

helping you save on associated study costs such as travel, accomodation and more.



Earn qualifications

at every stage of study, building your path to success.



Access routes

to university and further your options with support at every step.



College services and support ↓

As a student you have a number of services and facilities available to support and help you throughout your course at our campuses*



Library resources



Student support



Learning zones



Coffee and snack areas



Shop and canteen



Gym



Training workshops



Training Restaurant



Green Energy Centre & STEM Hub



Digital Care Hub

* Please note: gym, canteen, shop, green energy centre and digital care hub are exclusive to Dumfries campus.



Stranraer Campus



Dumfries Campus

From **student advisors** to **funding teams**, our aim is to provide you with a quality service so that you will have a **range of skills, support and the knowledge** required to successfully complete your course.



For further info on all our student services, check out our portal

Whether you're looking into being self-employed, working for a local company or working for a big corporation, electrical engineering could be the career for you.

The electrical engineering industry keeps the power moving throughout our society. With a diverse job market, from working on our everyday products to bigger developments such as working on an electrical grid, you will be sought after for your specialised skill.

You can gain a wide range of skills and knowledge to understand how electrical devices work. This also includes testing and inspections of electrical installations, wiring systems and electrical circuits. From smart phones to wind turbines, the possibilities are endless.



Did you know ↓

With a varied job market, studying Electrical Engineering you can become highly employable in many different areas including IT, manufacturing and construction.

Study with us to enjoy:



Access to world-class facilities

Our workshops give you the opportunity to get gain knowledge in a safe and welcoming environment.



Support from highly-trained staff

Our lecturing and professional engineering staff will help you learn the academic theory and the practical skills you need to get ahead and succeed.



Job security

The world depends on electricity and the people who connect it up or keep it running. With every organisation and home using electrical equipment, this proves to be a career path in demand.



A route to a viable career

With a qualification in electrical engineering, you could go self-employed, work for a big corporation, work for a local company and beyond.



Real-world skills

Our courses are designed to provide you with the skills to be able to put them into practice, gaining real-world practical experience.

Where electrical engineering could take you ↓

Career Options

As 95% of our students go onto positive destinations*, a qualification could lead to the following careers:

Electrician

provide specialist knowledge and skills to install, service and repair electrical equipment and wiring. They often diagnose problems and have the understanding and education of how to fix the issues. One of their main responsibilities can include deciding where electrical wiring may go. Electricians can work in many different places including individuals' homes and companies.



Electrical Engineers

provide specialist knowledge to create and design electrical systems. They provide support in maintaining the machinery and equipment of the electrical system. Electrical Engineers also deliver assistance to many different industries with their heating, transportation and distribution of power to make it more sustainable.



Design Engineer

Improve and revolutionise products across a wide range of industries. They have good technical skills and knowledge to develop new ideas and systems in manufacturing. Design Engineers can specialise in different areas of electrical engineering giving their expertise to explain solutions in an easy-to-understand manner.



*Information taken from our Student Satisfaction and Leavers Destinations Survey 2022-23



The above is just a small section of the many careers available in the industry. Salaries can vary greatly, ranging from £18,000 to £30,000 + depending on what's required in the role.

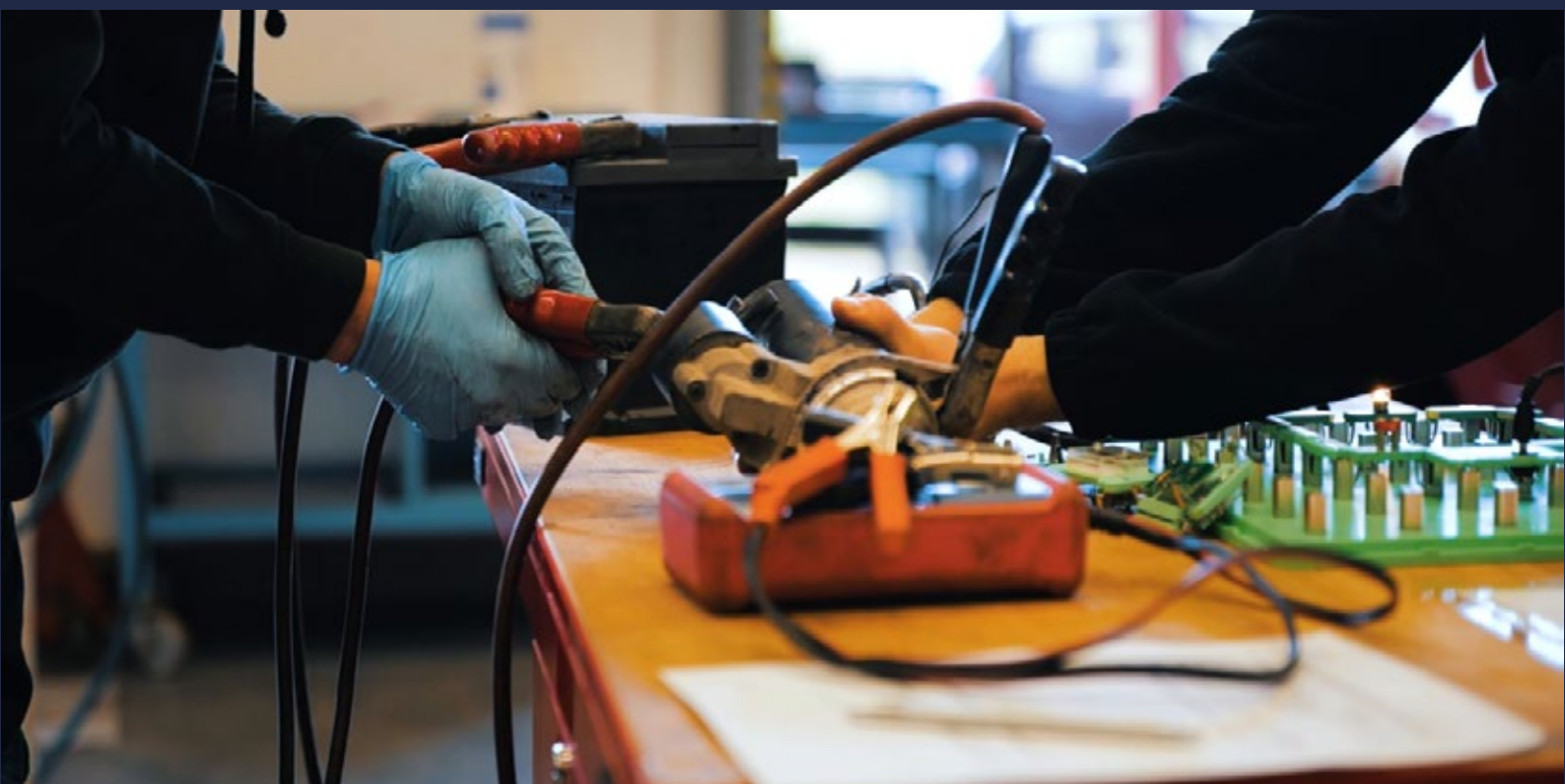
Onward Study

A qualification could lead you to some of the following possible degree options:

- Degree in Electrical and Electronic Engineering
- Degree in Design Engineering
- Degree in Sustainable Engineering

If you are thinking about progressing to onward study, check with your chosen university for requirements before applying with UCAS.

Each place will have specific entry criteria and availability.



This was a fantastic course. Well-presented and very informative. I would love to use the ideas from this course to bring a project into reality.

Matt Dryden - *Electrical Engineering student.*



Get one step ahead. choose your course ↓

We provide a first-class further and higher education, offering a large range of courses and qualifications available for students at any life stage that are delivered by teaching and support staff who genuinely care about what they do.

We have a route to suit every level and mode of study, allowing you to build your future, to change your career, or prepare for a better tomorrow, helping you get one step ahead.

If you are unsure of which course is best to apply for, or how to apply – don't forget we have a very knowledgeable and helpful Admissions team here at the college ready to help you.

➤ admissions@dumgal.ac.uk

Check out all
our courses
here!

+ ✨
// Don't wait for the right
opportunity. **Create it.**
George Bernard Shaw ✨
// ✨

Quick guide to applying ↓

1. Search for your course

Search our courses at
www.dumgal.ac.uk
or click the link.

2. Apply online

Once you find the course that's right for you, hit the apply now button. Courses fill up fast, so don't delay.



Our full-time courses start in August.

Check online for start dates for other courses or study at a time that suits you with open learning.

If you need help applying, you can check out our handy 'how to apply' page [here](#)



**Dumfries and
Galloway College**

One step ahead



Bankend Road, Dumfries, DG1 4FD

