



Dumfries  
and Galloway  
College

# MINI GUIDE

**Green Energy**

**Take your first step.**





## Build your future and turn your passion for a better, greener tomorrow into a sustainable career in green energy.

Get one step ahead and make a difference to the future of green energy in our region. Help tackle climate change and make your dreams of a cleaner future a reality – we'll give you the confidence and skills to thrive in this rapidly growing sector.

We offer several courses and hands-on experience in specialist areas such as wind turbines, solar system installation and biomass.

**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**



**Scotland has an ambitious target of being a net-zero nation by 2045, so there has never been a better time to look at how developing skills in sustainability can change the future – a career in green energy could be for you.**

Green energy will help provide our region with reliable power supplies such as solar, wind, hydro, geothermal and biomass helping to diversify fuel sources and conserve our nation's precious natural resources.

Reducing our reliance on fossil fuels is crucial along with creating a reduction in our carbon footprint, helping us on the pathway to sustainability success.



# Did you know ↓

With the advancement of 'green culture' and reduction targets, companies and global organisations are looking for skilled individuals that will help them meet sustainability targets and ambitions within a workforce that cares about a brighter future for all.

## Study with us to enjoy:



### Access to world-class facilities

Our Green energy hub offers real-time experience in working with green energy systems. Hosting a wind turbine, ground source heat pump, solar panel system and Tesla Energy storage, it's equipped to deliver the very best in green energy training.



### Real experiences of work

Our courses are designed to provide you with the skills and hands-on experiences you need by giving you the chance to put your skills into practice through real-time projects and work placements.



### Support from highly trained staff

Our lecturing and support staff will help you learn the academic theory and practical skills needed whilst helping you to develop your core skills, giving you all you need to get ahead and succeed.



### A route to a viable career

With specialist training that gives you access to the skills of tomorrow, you could become an electrical engineer, solar energy advisor or energy analyst.

# Where green energy could take you ↓

## Career Options

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

### Energy Specialist – Renewable Energy

Are responsible for defining and implementing energy strategies for companies and organisations. Skills include identifying the needs of the organisation such as alternative fuel projects to help with decarbonisation of energy consumption and carrying out the project from conception to completion considering deadlines, procurement and budget.



### Electric/Hybrid Vehicle Technician

can diagnose and repair faults, mechanical and electrical on electrical / hybrid vehicles within the automotive sector, whilst maintaining a high level of knowledge and attention to detail. Skills include using web-based systems, full understanding of automotive systems and functionalities, team working and a desire to advance skills



### Wind Turbine Technicians

are resourceful and highly skilled individuals who are experienced with commercial and industrial electrical mechanics allowing them to maintain, inspect and repair wind turbines on site. Skills include actioning maintenance schedules, producing reports, inspection and testing of electrical, hydraulic and mechanical components and systems. They must also be able to work at height.



\*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 £24,000 to £35,000 + 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 Renewable Energy Engineering
- Degree in Renewable Energy
- Degree in Electronics and Renewable Energy Systems

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.



+ ✨  
// My apprenticeship allows me to earn an income whilst learning the key skills progress in my career.

**Chris Tait** – 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](mailto: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](http://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, 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

