

**Build your**

**FUTURE**

**Get a step ahead**

**Mini Prospectus**

**Career Guide**



**Dumfries  
and Galloway  
College**

**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 the region to help tackle climate change and make your dreams of a cleaner future a reality, giving you the confidence to thrive and grow 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**.







**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 aims and ambitions within a workforce that cares about a brighter future for all.

## Study with us to enjoy:



### **Access to world-class facilities**

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 more than 1 in 3 college leavers go on to find employment\*, 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 de-carbonisation 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.

\*based on SFC College Leaver Destinations report 19-20



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 and the employers job spec.



## Onward Study

As more than 1 in 3 college students who graduate with an HNC or above go on to university 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

\*based on SFC College Leaver Destinations report 19-20

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 a step ahead. choose your course ↓

We provide a first-class further 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.



**Check out all  
our courses  
here!**

➤ [admissions@dumgal.ac.uk](mailto:admissions@dumgal.ac.uk)



+ ✨  
// 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.



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 application guide [here](#)

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# DGC

**Dumfries and  
Galloway College**

One step ahead



Bankend Road, Dumfries, DG1 4FD

