

Skills for Net Zero

We are Bristol's College



Welcome

Careers in Net Zero

Here are just a few examples of job titles that have been advertised in the South West region within the last year:

- ◉ Wind Turbine Technicians
- ◉ Solar Panel Installers
- ◉ Energy Consultants
- ◉ Carbon and Environmental Accountants
- ◉ Battery Technology Researchers
- ◉ Farmers and Foresters
- ◉ Biofuel Engineers and Scientists
- ◉ Geologists
- ◉ Environmental Officer
- ◉ Electric Vehicle Technicians

How many jobs are out there?

In the South West area there has been a predicted **9.2% growth** from 2017 to 2027, creating **13,019 jobs**.

What sort of skills will I need?

Here are some key skills that employers in this sector commonly include in job adverts:





- ◉ Organisation and time-management
- ◉ Communications
- ◉ Critical thinking
- ◉ Active listening
- ◉ Problem solving
- ◉ Flexibility
- ◉ Observation
- ◉ Enthusiasm
- ◉ Innovation
- ◉ Infrastructure

What can I expect to earn within this industry?

Salary is always dependant on qualifications, skills and experience but you could expect to start on a **salary of around £21,000** with the national average of **£37,000**.

The average salary for net zero jobs within this area is **£33,789**. In the UK there has been a predicted UK **9.1% growth** from 2017 to 2027, creating **£159,466 jobs**.

Construction Technologies

NAME OF COURSE	ENTRY REQUIREMENTS	BASIC INFORMATION	PROGRESSION TO FURTHER STUDY OR HE	EMPLOYMENT/APPRENTICESHIPS
SITE CARPENTRY Level 1 	Two GCSEs Grade 2 (E) including Maths and English or Level 1 Maths and English Functional Skills	<ul style="list-style-type: none"> • Full-time, 16-18. • You will develop skills and knowledge in the kind of carpentry and joinery needed on a typical building site. 	Level 2 Site Carpentry or other Level 2 programme at CoBC	Labourer
SITE CARPENTRY Level 2 	Level 1 Carpentry and Joinery And/or Minimum GCSE Grade 3 in Maths and English (or Functional Skills Level 1) and a Grade 3 in a technical subject e.g. Carpentry, Art, Resistant Materials.	<ul style="list-style-type: none"> • Full-time 16-18 or part-time (adults) • If you are looking for a career as a carpenter in the construction industry, then this course will provide you with the industry-standard skills that employers need. 	Level 2 Apprenticeship, employment	Junior Site Carpenter, Carpentry and Joinery Apprenticeship Level 2
ELECTRICAL INSTALLATION Level 1 	• Minimum of two GCSE Grade 3s including English and Maths	Full-time, 16-18 only	Level 2 Electrical Installation or other Level 2 programme at CoBC	Labourer
ELECTRICAL INSTALLATION Level 2 	Level 1 Certificate in Electrical. Alternatively, and/or GCSE Grades 4 (C) or above in Maths, English and Science.	Full-time 16-18, or part-time (adults)	Apprenticeship, employment, Level 3 full or part-time	Level 2 Apprenticeship, employment as Assistant Electrician
ELECTRICAL INSTALLATION Level 3 	Merit in Level 2 Electrical Diploma, and GCSE Grade 4 (C) in Maths, English and Science	Full-time 16-18, or part-time (adults)	Apprenticeship, NVQ, employment	Employment, NVQ, AM2
PLUMBING Level 1 	4 GCSE D (3) grade must have these in English and Maths L2 FS accepted L1 FS in Maths accepted	Full-time, 16-18 only	Progress to Level 2	Apprenticeship, Labourer
PLUMBING Level 2 	Level 1 Certificate in Plumbing. And minimum of three GCSE Grades 4 (C) or above in Maths, English and Science.	Full-time 16-18, or part-time (adults)	Apprenticeship, Employment	Apprenticeship, Employment

City of Bristol College

City of Bristol College is making a concerted effort to decrease its carbon footprint and make a positive impact on the environment, with plans already in motion to make our seven centres more sustainable, starting with our brand-new, £9m Advanced Construction Skills Centre.

“ The opening of the Centre comes at the right time, with the opportunity for the construction sector to be at the forefront of economic recovery and growth. Much of the training will be focusing on green, sustainable construction.

There is a huge demand locally, regionally and nationally for all our training to incorporate a significant element of sustainability to reflect modern methods of construction and to deliver the right skills for low-carbon buildings and retro-fitting existing housing stock. ”



Chief Executive and Principal Rich Harris