

Careers Network NEWSLETTER



National Careers Week edition

National Careers Week

NCW

We are delighted to bring you a special edition of the North East Lincolnshire Careers Network Newsletter to celebrate National Careers Week (NCW) taking place from the 7th to 12th March 2022. NCW is a celebration of careers guidance, and this edition looks at new and emerging careers and opportunities.

Zero Carbon Humber Project

Exciting things are happening in the Humber region over the next 25 years to help the government achieve zero carbon emissions by 2050. This region usually produces more than half of the country's industry carbon (CO2) emissions. To achieve zero carbon emissions, a change from fossil fuels to greener fuels and a way of 'de carbonising' the region is needed.

The area's leading energy companies have formed a partnership to bring in a new generation of industry and greener ways of working, such as carbon capture and a new Hydrogen production plant at Saltend in Hull. It is projected that up to 50,000 new jobs will be created in new industries such as industrial carbon capture, low carbon

hydrogen production and negative emissions power. If you'd like to work in engineering or STEM roles in the future, you could be part of this world leading project.

What is hydrogen?

It is a renewable, 'green' fuel as it has no carbon emissions. Hydrogen fuel is burned with oxygen to produce electricity, water and heat.

What is Carbon capture?

It is removing carbon and locking it away so it can't re-enter the atmosphere, for example by being transported through pipelines to be stored permanently under the North Sea.

Read more about this project at:
www.zerocarbonhumber.co.uk

New and Emerging Careers

Over the next 10 years some industries and professions will increase significantly due to changes in consumer habits, the climate emergency and people living longer, below are a few examples of new and emerging roles:

Drone Pilot

Drones are already featured in ways we couldn't have imagined, and this will only continue with delivery firms keen to pursue package drops offs and help with passenger transport and the role of the Drone Pilot is a fast-emerging career path. You will work alongside computer technology to ensure the sky path is safe and clear and could be responsible for a fleet of drones. **You can expect to earn up to £80,000 for this highly skilled job.**

Web Development/System Coders

You will need good communication skills to liaise with customers to determine their requirements, bid for work and present and demo your creations. **You can expect to earn between £25,000 and £45,000 per annum** for having specialist technical knowledge in computer coding and software development. If you specialise in a particular industry e.g., medicine or retail, you can expect to see this salary increase.

Cloud Computing

Cloud computing offers huge career prospects. Facebook, Gmail and Banking Apps are all types of Cloud Computing. This is where the use of both hardware and software deliver a service over the internet. Jobs include technical coding, customer service representatives and digital marketing. Salaries range between **£50,000 and £85,000** per year depending on your role and industry.

Smart Meter Fitter

Smart meter installers fit gas and electricity meters in homes and businesses, the government wants all homes and small business to have these to measure energy use. **Expect to earn £15,000 - £25,000 a year.**

Bespoke Health Care Professional

The role of the personal carer is set to increase in demand and skills set. With the use of artificial intelligence and machine learning, health and care professionals will be able to map and use the information on exercise, nutrition and sleep patterns and combine with the prevention and eradication of some illnesses. **Expect to earn around £20,000 but this is set to rise.**

Creative and Digital Sector Careers

If you have a talent for creativity, an eye for detail, good communication skills, problem solving or IT skills then a career in the creative or digital sector could be for you. If you enjoy Art and Design, Media or working with computers, there are a wide variety of careers to consider:

Graphic Designer creates images that communicate ideas and products to people, often using computer software

Art Therapist plans and oversees creative activities to support people in expressing thoughts and feelings

Prop Maker works with a wide range of materials to create models and props for use in film and tv, theatre, museums and the retail sector

Social Media Manager oversees communication between an organisation and its customers via social media platforms.

Although many roles in the creative and digital sector require a degree, if Higher Education isn't for you there are plenty of other options to consider. Roles such as **Make-up Artist, Events Technician, Museum Assistant and Tattooist** are all found within the creative sector, and creative skills can be applied in jobs such as **Hairdressing, Carpentry and Floristry**. In more recent times, **Vloggers** (Video Bloggers) have developed income streams from posting videos online about their life

or specialist interests.

Useful skills and qualities Creativity, IT Skills, communication, attention to detail, problem solving

Useful subjects Art, Design, IT, English, Maths, Media

Did you know? 22% (approx) of employment in the Humber region is now in the creative and digital sector

Opportunities to work in film and tv production including VFX (Visual Effects) are coming to the region with the creation of new studios in Doncaster, creating over 200 new jobs and up to 750 academic student placements.

Demand for employees working in virtual reality, augmented reality and artificial intelligence is rising but there is currently a massive skills shortage. Hull University has recently invested in a new state-of-the-art training suites to enable students to develop skills in VR and AR applications.

The E-Sports industry (competitive online gaming) is thriving, creating new job roles such as E-Sports Coaches who help players develop their competitive skills. You can now study for an E-Sports qualification locally.

Useful websites:

www.screenskills.com

www.discovercreative.careers

The Environment and Sustainability

Concerns for the environment, biodiversity and sustainability of our current way of life combine to suggest that in the future there will be an explosion of new jobs to tackle these problems. Already, jobs have been created in energy, technology and conservation and more are being created, for example:

Wind turbine technician – inspection, repair and maintenance of turbines and blades on or offshore

Solar Installer – installation, repair and maintenance of solar panelling

Recycling Worker – sorting, processing, removing hazardous waste

Water Resources Engineer – design and implement waste and water treatment

Environmental Scientist – identify potential threats to the environment

Sustainability Officer – ensures an organisation complies with environmental law and works in an ethical way

See more at: [20 Green Careers for the Environmentally Conscious | Indeed.com](https://www.indeed.com/green-careers)

But there are many different jobs, in many different industries compatible with a green agenda: Business and Finance, Marketing, Government

and Local Government, Engineering, Science, Technology, Energy and they are located all over the world. It's important to do your own research into the right job for you.

See: [GreenJobs, Environmental Jobs and Renewable Energy Jobs in the UK](https://www.greenjobs.com)

[Environmental and Green Jobs Worldwide - EnvironmentJobs.com](https://www.environmentjobs.com)

[Explore careers | National Careers Service](https://www.nationalcareersservice.gov.uk)

What skills are needed for these environmentally conscious jobs?

It is hard to pin down exactly what skills you will need, but a good start are skills which involve:

Communication – people skills, negotiating, translating complex information, networking

Research - analysing, problem solving, ICT, data analysis

Digital – social media, ICT, website content

Organisational – getting things done, on time and within budget

Good degrees to have include Environmental science, Engineering, Law, Economics, Business, Sustainability, Civil Engineering, Agriculture, Politics/International Relations, Marine Biology.

See UCAS <https://www.ucas.com> and search Sustainability for undergraduate courses.