



# OFFSHORE RENEWABLES AND SUBSEA ENGINEERING

KICKSTART YOUR CAREER AT ONE OF THE  
UK'S LEADING OFFSHORE ENERGY PORTS

[newcastlecollege.co.uk](http://newcastlecollege.co.uk)





# NEW ENGINEERING COURSE IN THE HEART OF BLYTH

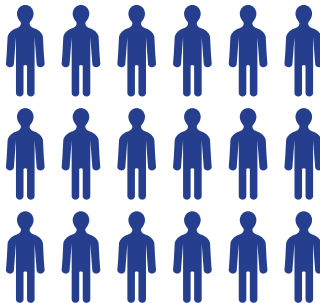
★ ★ ★ ★ ★  
**PORT OF BLYTH**  
★ ★ ★ ★ ★

Newcastle College and Port Training Services have teamed up to deliver a unique **Level 3 Offshore Renewables and Subsea Engineering** course directly from the Port of Blyth, one of the UK's leading offshore energy support bases.

This exclusive course offers you an entry route into subsea and offshore renewable engineering – one of the fastest growing sectors in the UK!

You'll be taught by Newcastle College staff from within the facilities at Port Training Services in Blyth, right on the door step of leading engineering employers. You'll combine study with the College's Energy Academy in Wallsend, where you'll learn key theory in relation to the offshore and subsea sectors.

**60%**  
THE GROWTH IN  
THE OFFSHORE AND  
SUBSEA INDUSTRY  
SINCE 2010



**27,000**

THE NUMBER OF PEOPLE  
THE INDUSTRY IS SET TO  
EMPLOY BY 2030

BY 2030 THE  
GROWTH IN  
OFFSHORE WIND  
CAPACITY WILL  
INCREASE FROM

**6<sup>GW</sup>**  
TO  
**30<sup>GW</sup>**



# THE COURSE

## LEVEL 3 DIPLOMA IN OFFSHORE RENEWABLES AND SUBSEA ENGINEERING

### Entry criteria

Five GCSEs grade 4 or above including maths, English and a science subject.

### Duration

Two years

### Overview

This course is delivered at both the Port of Blyth and at Newcastle College Energy Academy in Wallsend. This unique way of learning will provide you with a Blyth-based route into offshore and subsea engineering sectors.

When studying at the Port of Blyth you will develop your skills using industry-standard facilities including a wind turbine nacelle and subsea equipment (valves and Hi-Traq). Access to this equipment gives you first-hand experience of the roles undertaken by offshore energy workers.

Transport will be provided to the Energy Academy from Blyth for days which you are in college. You will have access to a range of student and financial support to help you achieve and excel on your course.

Whilst studying you will receive regular guest lectures and workshops from employers who will outline the opportunities available to you upon successful completion of your course.

The course will allow you to develop the practical skills and experience that leading energy sector employers are looking for.



### Where will I study?

You will spend two days per week at Port Training Services at the Port of Blyth where you will participate in classroom learning delivered by Newcastle College lecturers. An additional workshop day will be spent at the Port – this is where you will be able to take advantage of the exceptional industry-standard facilities available to you. An additional day will be spent at the College's Energy Academy in Wallsend where you will not only learn key engineering theory but also have access to the world's most advanced immersive Hybrid Reality (iHR) system which replicates the workings of wind turbine.

### What will I learn?

#### Year one

- Engineering Principles
- Delivering Engineering Processes Safely as a Team
- Engineering Product Design and Manufacture
- Computer aided design

#### Year two

- Applied Commercial and Quality Principles of Engineering
- Specialist Engineering Project
- Pneumatics and Hydraulic Systems
- Fabrication Manufacturing Processes
- Electrical Power Distribution and Transmission
- Maintenance of Mechanical Systems

### Where can I go next?

Once you successfully complete your studies, both Port Training Services and the College will work with you to outline your progression opportunities. This may include progressing onto a Foundation Degree at Newcastle College University Centre or securing an apprenticeship within offshore and subsea engineering.

MAKE YOUR APPLICATION TODAY AT  
**[NEWCASTLECOLLEGE.CO.UK/ENERGY-PORT](http://NEWCASTLECOLLEGE.CO.UK/ENERGY-PORT)**



# PORT TRAINING SERVICES



Port Training Services (PTS) is a specialist training provider delivering fully accredited, industry recognised qualifications for companies and individuals serving the port and marine, warehousing and logistics, heavy industry, subsea and offshore energy sectors. As the training division of the Port of Blyth, PTS operates from a purpose built, state-of-the-art facility. As one of the fastest developing Trust Ports in the UK, the Port of Blyth has a renowned reputation as a major support base for the offshore energy sector.

## NEWCASTLE COLLEGE ENERGY ACADEMY

The College's Energy Academy is situated in Wallsend in the heart of the North East's offshore and renewable energy hub. Developed in partnership with industry, it provides a space to train for a career in the sector. The Energy Academy offers a range of course for the offshore and renewables industry, for those leaving school up to degree level courses through Newcastle College University Centre.



# APPLY FOR SEPTEMBER

This new course is a fantastic way for you to start your career in the offshore and subsea engineering sector. Places are limited, so to **secure your place for September** simply head online to make your application – it takes about ten minutes. Apply at **[newcastlecollege.co.uk/energy-port](https://newcastlecollege.co.uk/energy-port)**

If you have further questions about this courses, or other courses available to you at Newcastle College simply contact us at **[enquiries@ncl-coll.ac.uk](mailto:enquiries@ncl-coll.ac.uk)** or visit one of our Open Events, held monthly at our Rye Hill Campus.

# BEING A NEWCASTLE COLLEGE STUDENT

Although you'll mainly be based at the Port of Blyth, when you study you'll become a Newcastle College student and have access to all the benefits the College has to offer. This includes everything from student support, financial support and exceptional enrichment opportunities outside of your course.

To see everything the College as to offer simply download a prospectus at **[newcastlecollege.co.uk/download](https://newcastlecollege.co.uk/download)**

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