

40% DISCOUNT AVAILABLE



# OFFSHORE WIND FOR PROFESSIONALS

## TWO ONE-DAY SPECIALISED COURSES



October 19-20 2023

### INTRODUCTION

The faculty of Engineering at SETU and the National Maritime College of Ireland (NMCI) are partnering with Dutch offshore energy training provider DOB-Academy to deliver a bespoke training programme specifically for those active in the Offshore wind sector in Ireland. DOB-Academy specialise in Offshore Energy for professionals and have successfully delivered programmes for many of the sectors largest international stakeholders.

### COURSE CONTENT

Learning to speak a common language and understanding every aspect of this rapidly growing industry is of great importance for a fruitful and economically viable future.

In these two one-day courses, participants will gain insight into the complete offshore wind energy playing field.

On day 1 we will go into the basics of offshore wind and its rapid developments. How is offshore wind energy sector developing and what are its main drivers? These key questions are answered during the morning lectures. In the afternoon of day 1 we will go into the technical details and design considerations of an offshore wind farm. Additional practical hands-on cases will put this fresh knowledge into practice.

Day 2 starts with power distribution and the need for a safe work environment. During the afternoon we will go deeper into the logistics involved in the installation of a wind farm, and the maintenance during its operation.

Both days are interactive and welcome open discussions on current events such as; floating vs. fixed structures, port locations, ORE subsidies and supply chain issues.

### PROGRAMME

#### Day 1: Offshore Wind Introduction

- Background Offshore Wind
- Wind to Power
- Offshore Wind Turbines
- Electricity, Society & Policy
- Offshore Wind in Numbers
- Support Structure and Electrical Infrastructure
- Design and Installation
- Operation and Maintenance
- Practical hands-on case: DIY Rotor Competition**
- Practical hands-on case: Installing a Miniature Offshore Wind Farm**

#### Day 2: Power, Logistics and Ports

- The Dutch Approach to Offshore Wind
- Offshore Transport & Logistics
- Health, Safety & Environment
- Offshore Power Networks
- Ports, Harbours & Facilities
- Installation Vessel & Strategy
- Practical hands-on case: Energy Yield Calculation**
- Practical hands-on case: Connect the Turbines**



## WHO SHOULD ATTEND?

These two one-day specialized training courses can be followed individually or combined.

Day 1 is for professionals who are new to the industry. Basics facts and backgrounds for offshore wind will explain the playing field. Companies and suppliers to the energy industry who will benefit from this course are financial experts, marine contractor (technical and planning), government and other stakeholders.

Day 2 is focused on port logistics. Marine service providers, port authorities and logistic service providers will benefit from the insights in port utilisation and supply chain management.

## FURTHER DETAILS

In these two one-day course participants will learn the basics of the offshore wind energy industry.

**Length:** One or two days

**Fee:** €750 for day 1

€1150 for day 2

€1500 for both days

**Dates:** October 19 and 20 2023

**Enrollment:**

40% discount available for eligible participants

Book directly via [www.greentechskillnet.com](http://www.greentechskillnet.com)

Or by email to: [Sheila@windenergyireland.com](mailto:Sheila@windenergyireland.com)

**Location:** National Maritime College of Ireland, Ringaskiddy, Co Cork, P43 XV65, Ireland.

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**Subscription open untill:** October 10, 2023

DOB-Academy offers offshore energy education for professionals.

For the complete curriculum, please visit our website: [dob-academy.nl](http://dob-academy.nl)

All prices are in Euros excl. VAT.

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