

# INTRODUCTION TO **OFFSHORE OIL AND GAS**



**2-DAY  
INTRODUCTION  
COURSE**

Oil & Gas



**Offshore**energy.dk

# Introduction to Offshore

**The offshore oil and gas industry is one of the most advanced industries in the world. Employees within the industry are specialized within many different disciplines. A complete overview of the industry can be difficult to obtain. This course is designed to change that.**

The course has been developed over the past 7 years and has been joined by several hundred participants and has gained reputation as an essential part of the training of employees from all branches of the offshore oil and gas industry. Among the regular participants are some of the major oil and gas operators in the North Sea, whose new employees are offered to attend the course as part of their start-up training in the company.

The 2-day course is a unique introduction to the offshore oil and gas industry. The entire supply chain is presented at a level suitable for everybody. This will enable participants to better understand the entirety of the industry as well as become familiar with the special terminology that is often used in the offshore industry. Such skills are valuable when networking with partners or negotiating with customers.

## CONTENT

The course gives an overview of key areas within production of offshore oil and gas, among other topics including: Geology, exploration, offshore platforms and drilling rigs, well operations, processing and distribution. Additionally the concept of HSEQ and safe behaviour is introduced.

## TARGET GROUP

The course is designed for both technical and non-technical personnel and can benefit employees from all departments in your business, including engineering, secretariat, finance, human resources, geology, accountancy, sales, offshore work etc. The course is aimed at both newcomers to the industry as well as existing employees in need for an overview of the business. No prerequisites are necessary to participate in the course.

## LANGUAGE

The course material is in English. Lectures will be in English, unless all participants understand Danish.

## TIME, LOCATION AND PRICE

Please find time and location for the next course on [www.offshoreenergy.dk/courses](http://www.offshoreenergy.dk/courses)

Price: **DKK 8,000 / € 1,070**  
(not including VAT).

Member companies of Offshoreenergy.dk can obtain a favourable price of: **DKK 6,000 / € 805**  
(not including VAT).

The price includes lunch and refreshments throughout the course as well as print outs of the course materials.

**Please register at**  
**[www.offshoreenergy.dk/courses](http://www.offshoreenergy.dk/courses)**



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## PROGRAM:

### Day 1

#### **BASICS ON OFFSHORE OIL AND GAS**

Overview and basic terminology,  
The Danish oil and gas fields, Usage,  
Historical overview, Chemistry

#### **GEOLOGY AND EXPLORATION**

Formation, Reservoirs, Exploration

#### **DRILLING**

Drilling rigs, Drilling operations,  
Well stimulation types, Logging,  
Horizontal Drilling

#### **THE OIL AND GAS BUSINESS**

Oil and Gas around the World, Reserves, Key  
organizations, Economics

#### **TRIBUTE TO THE OFFSHORE INDUSTRY**

Building and commissioning of an  
offshore platform

### Day 2

#### **OFFSHORE INSTALLATIONS**

Offshore platforms, Well completion, Well  
stimulation, Subsea installations

#### **PROCESSING**

Separation, Main Systems, Utility Systems

#### **DOWNSTREAM AND DECOMMISSIONING**

Refining, Distribution, Removal of installations

#### **GROUP ASSIGNMENT**

#### **PIPER ALPHA – A TURNING POINT FOR THE OFFSHORE INDUSTRY**

What did we learn from the worst accident in  
the North Sea

#### **HSEQ (HEALTH, SAFETY, ENVIRONMENT AND QUALITY)**

Standards, Norms, Management systems  
and mindsets

#### **COURSE END AND EVALUATION**

*Minor changes may occur to the final programme*

### **COURSE AT YOUR COMPANY**

It is also possible to purchase  
the course as a package for a  
group of employees.  
This allows for special arrange-  
ments regarding time, location  
and price.

Contact [Offshoreenergy.dk](http://Offshoreenergy.dk)  
for more information.



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## PARTICIPANTS EVALUATION OF THE 2-DAY INTRODUCTION TO OIL AND GAS 2014

How do you assess the professional content and process of the course?

