

A Successful 3-Day In-house Training Course

Managing Offshore Field Development & Marine Asset



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WHY CHOOSE THIS TRAINING COURSE?

Offshore Field Development explores the stages involved in offshore oil and gas production, along with the specialist vessels supporting it, from exploration and surveying to drilling, construction and supply. The course delivers the detailed knowledge required, along with management strategies, for you to successfully engage in the sector.

The development of offshore oil and gas fields involves a wide range of marine assets. This intensive course will sets out the main categories of vessels involved in these operations and the general trends in the sector.

WHAT ARE THE GOALS?

The following are major objectives of this course:

- Identify the key steps in the development of offshore fields
- Understand the elements of field architecture to define a workable field development
- Recognize offshore production facilities and structures, fixed and floating.
- Understand the impact of the ocean environment on facilities design and operations
- Identify major design, construction, and operational issues and interfaces of offshore systems
- Recognize important forces on offshore structures and their influence on design and cost
- Appreciate the basic processes and equipment involved in the topsides design and operation
- Understand marine asset and its importance
- Recognize the marine equipment used in the construction of offshore facilities

WHO IS THIS TRAINING COURSE FOR?

Technical staff, business professionals, technicians, analysts and other non-technical staff who are involved but have limited experience, or will be involved, with offshore oil and gas facilities.

HOW WILL THIS TRAINING COURSE BE PRESENTED?

This course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes course materials, proposed reading/state-of-the-art of the course content, lecture talks, exercises, team works and discussions, and solved applications. The nature of the course will be interactive and a practice of how to think, not what to think will be mastered.

Daily Topics

DAY ONE

Introduction to the Offshore Oil and Gas Industry

- The importance of offshore developments
- Vessel requirements
- Exploration activities
- Exploration methods
- Background to offshore field development
- Trends in offshore production
- Steps in field development process
- Managing offshore field exploration and production
- Summary of all types of vessel used in the oil and gas sector

DAY TWO

Field Development Assessment and Surveying

- Steps in field development
- Field characteristics and production profile
- Operational requirements
- Phases of a management project
- Concept development
- Survey activities
- Survey vessels: design and operations
- Floating production vessels
- FPSO monohull, semi-submersible, SPAR, others

DAY THREE

Offshore and Marine Asset Management

- Importance of offshore and marine asset management
- Defining assets
- Correlation between oil prices, E&P spending and oil services asset
- Wide range of marine assets
- Development process for the marine asset framework
- Dynamic guarding of marine assets
- Understanding the Offshore Support Vessels (OSVs)
- Development trend on OSVs

Quality Certifications

ISO 29990 : 2010 Certified






ISO 9001: 2015 Certified



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