



**Petroleum, Oil & Gas**



**SCANDINAVIAN ACADEMY**  
Training and Development

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# Course: Asset Management \_ Principles & Practices for the Upstream Sector of the Oil & Gas Industry

Code	City	hotel	Start	End	price	Hours
525	Dublin (Ireland)	Hotel Meeting Room	2024-08-12	2024-08-16	5950 €	25

## Why Choose this Course?

Managing Oil and Gas fields requires an understanding of the multiple facets of the oil and gas industry. The course is designed to familiarize the attendees with these facets and prepare them to become successful asset managers.

The course provides an opportunity to learn from someone who has worked in the upstream sector of the industry for 40+years and brings a wealth of practical experience, examples, hard lessons learned and presents them in an easy to understand manner.

**This course will feature:**

- The art of developing an Asset Management Plan
- Asset Management Process
- Highly effective multi-disciplinary teams
- Decision Tools like Decision Mapping, Front End Loading, Decision & Risk Analysis, Value of Information, Value Improving Practices
- Role of Technology

## What are the Goals?

**By the end of this course, participants will be able to:**

- Develop realistic Asset Management goals
- Learn about maximizing Asset Value
- Decide the deliverables for major decisions
- Learn to improve effectiveness and efficiency of work processes
- Apply the principles to a real life Case Study

## Who is this Course for?

**This course is suitable for a wide range of professionals involved either full time or part time in managing oil and gas fields but**



**will greatly benefit:**

- All discipline engineers in the Company (Reservoir, Drilling, Production, Petroleum, Project, Facilities, etc.)
- Geo-scientists
- Asset Managers and Personnel
- Business Development, Commercial Managers, Joint Interest Managers
- Operations Managers and Operations Superintendents

## **How will this be Presented?**

This course will utilize a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented.

**This includes:**

- Presentation & Interactive Dialogue
- Class Exercises & Working in Teams
- Simulating Partnership Meeting, Operator Meeting, and Meeting with the Government
- Art of Negotiation

## **Training Outline**

### **Day One: Building the Asset Management Plan**

- Introduction & Course Overview
- Understanding Terminology
- Asset Management Plan
- Portfolio Management
- Factors influencing Asset Value – Internal & External
- Class Exercises

### **Day Two: Process & Tools**

- Asset Management Process
- Key Decisions and Deliverables
- Who, Why and How of Multi-disciplinary Teams
- Ensuring Discipline Quality
- Introduction to Asset Management Tools
- Class Exercises

### **Day Three: Role of Technology**

- Role of Technology in Asset Management



- Discussion of specific Technologies
  - Reservoir Characterization/Reservoir Modeling
  - Horizontal Wells
  - Smart Well Technology
  - Reservoir/Surface Integration Modeling
  - Knowledge Management
- Home Work Assignment

#### **Day Four: Asset Management Case Study**

- Introduction of the Case Study – A field development case
- Form Teams
- Participants spend the day solving the case and prepare a presentation for discussion

#### **Day Five: Lessons from the Industry & Wrap-up**

- Simulate an Operating Committee & Government Meeting
- Discuss actual results
- Common Mistakes in Asset Management
- Continuous Improvement through Post Auditing



**The Scandinavian Academy employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:**

- **Theoretical Lectures:**
  - We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.
- **Scientific Assessment:**
  - We evaluate trainees skills before and after the course to ensure their progress.
- **Brainstorming and Interaction:**
  - We encourage active participation through brainstorming sessions and applying concepts through role play.
- **Practical Cases:**
  - We provide practical cases that align with the scientific content and the participants specific needs.
- **Examinations:**
  - Tests are conducted at the end of the program to assess knowledge retention.
- **Educational Materials:**
  - We provide both printed and digital scientific and practical materials to participants.
- **Attendance and Final Result Reports:**
  - We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.
- **Professionals and Experts:**
  - The programs scientific content is prepared by the best professors and trainers in various fields.
- **Professional Completion Certificate:**
  - Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.
- **Program Timings:**
  - Training programs are held from 10:00 AM to 2:00 PM and include buffet sessions for light meals during lectures.