



London TDM

Oil and Gas Industry Training Courses

Course Venue: United Kingdom - London

Course Date: From 16 August 2026 To 20 August 2026

Course Place: London Paddington

Course Fees: 7,500 USD

Introduction

This 5-day professional course on "Upstream Operations and Exploration Management" is designed to provide participants with a comprehensive understanding of the upstream sector of the oil and gas industry. The course focuses on exploration, development, and production processes while emphasizing management strategies that optimize operations. Participants will gain practical insights into geological and geophysical methods, risk assessment, and project management to enhance their decision-making skills in upstream environments.

- Understand the fundamentals of upstream operations and exploration.
- Analyze geological and geophysical data for exploration.
- Evaluate risk management and mitigation practices.
- Learn advanced technologies in exploration and production.
- Develop efficient project management strategies.

Course Outlines

Day 1: Introduction to Upstream Operations

- Overview of the oil and gas industry
- Key stages in upstream operations
- Roles and responsibilities in exploration management
- Regulatory frameworks and compliance
- Introduction to geological and geophysical surveys

Day 2: Exploration Techniques and Technologies

- Geological and geophysical exploration methods
- Seismic data acquisition and interpretation
- Advanced technologies in exploration
- Case studies of successful exploration projects
- Tools and software for exploration management

Day 3: Risk Management in Exploration

- Identifying and assessing exploration risks
- Risk mitigation strategies
- Economic evaluation of exploration projects
- Environmental and social risk assessment
- Stakeholder management and communication

Day 4: Development and Production Operations

- Transition from exploration to development
- Drilling and completion operations
- Production optimization techniques
- Well integrity and maintenance
- Health, Safety, and Environment (HSE) considerations

Day 5: Project Management and Strategic Planning

- Project planning and execution
- Cost control and budget management
- Time management and scheduling
- Quality assurance and control
- Strategic planning and decision-making in upstream operations