



Global Professionals Institute for Training  
معهد المحترفون العالميون للتدريب الأهلي

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## Essential skills for Oil and Gas Professionals



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## Introduction

This training course will be highly participatory and your seminar leader will present, guide and facilitate learning, using a range of methods including discussions, case studies and where appropriate, these will include real case examples. The training course will be concluded with a capstone exercise.

By combining analysis, problems and examples with real case studies - lessons learned from the seminar will be applied to your organisation. Key performance indicators (KPIs) for the critical success factors (CSFs) will focus attention on high priority action plans for taking back to your organization

## Course Objectives:

- ✓ Build knowledge as to the nature and challenges facing the oil and gas industry
- ✓ Understand the key players and commercial drivers
- ✓ Examine the industry structure with specific emphasis on the complete value chain
- ✓ Understand framing agreements including joint ventures and product sharing contracts



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## Who should attend?

- ❖ Oil and Gas professionals:
- ❖ Senior and middle managers
- ❖ Accountants and finance professionals responsible for financial accounting, treasury, internal audit, budget preparation and management reporting
- ❖ HR, contracting and procurement and IT professionals
- ❖ Line managers with strategic planning and operational budgeting responsibility
- ❖ New entrants to the Oil & Gas industry
- ❖ Professional advisers and Business Consultants

## Program Syllabus

### First Day

#### The Oil and Gas Industry Commercial Drivers - Overview

- The nature of the Oil and Gas industry
- Upstream, midstream and downstream operations
- Exploration, evaluation production and reserve estimates
- Structures and business models -Lifting and production costs



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## Second Day

### Oil and Gas Exploration and Production Arrangements

- IOC's & NOC's Fiscal agreements & contracting strategies for the oil and gas industries
- Reward structures and options
- Importance of project planning
- Front end loading - Hot spots and challenges
- Capital project planning and execution
- Implementing effective project control framework

## Third Day

### Oil and gas Project Economics, Cost & Estimation

- Evaluating project opportunities
- Cash-Flow Analysis and Time Value of Money
- Key Profitability Indicators NPV, IRR, UTC, Payback
- Calculating a discounted cash flow
- What is a cost estimate and what factors influence an estimate?
- Earned value management analysis for measuring project performance and reporting



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## Fourth Day

### Risk Management Application

- What is risk management and why it is important?
- Risk management as applied to capital projects.
- Specifying objectives and identifying project uncertainties
- Technical and non-technical risks
- Risk register review and analysis
- Stakeholder identification and mapping

## Fifth Day

### Oil and Gas Capstone Case Study

- Case study – The Shale Gas Revolution in the United States
- Impact of shale gas on the world Oil and Gas stage
- Geopolitics of Oil and Gas pricing
- Summary and course wrap up



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## Program Methodology

A highly interactive combination of lecture and discussion sessions will be managed to maximize the amount and quality of information, knowledge and experience transfer. The sessions will start by raising the most relevant questions, and motivate everybody finding the right answers. The attendants will also be encouraged to raise more of their own questions and to share developing the right answers using their own analysis and experience. Course material through power point equipped with necessary animation, learning videos, and general discussion to provide participants with full understanding concerning the subject course will be provided.

## Percentage of Delivery Methodologies

50% Presentation

20% Group & Individual Exercises

20% Case Studies

10% Active Movies and Videos

## العرض المالي

| السعر   | مكان الانعقاد | تايفخ الانعقاد      | مدة البرنامج |
|---------|---------------|---------------------|--------------|
| 1200 kd | Cairo         | 12-16 January/ 2025 | 5days        |

## تفاصيل التكلفة :

- المحاضرة العلمية ❖
- المادة العلمية ❖
- الشهادات ❖
- بوفيه خفيف ❖
- ❖



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