



*Training Course:
Hydrocarbon Production Operations MBA*

*14 - 18 March 2027
Cairo (Egypt)*

Training Course: Hydrocarbon Production Operations MBA

Training Course code: EN6022 From: 14 - 18 March 2027 Venue: Cairo (Egypt) - Training Course Fees: 4410 € Euro

Introduction

Hydrocarbon production operations are at the core of the oil & gas industry, involving complex technical processes, large-scale assets, and significant financial investments. Effective management of production operations requires not only technical expertise but also strong business, strategic, and leadership capabilities.

This MBA-level program, designed by Global Horizon Training Center, integrates engineering fundamentals with business strategy, operations management, and financial decision-making to enable professionals to optimize production, enhance profitability, and lead operations effectively.

Course Objectives

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

- Understand the full upstream production lifecycle
- Manage production operations efficiently and safely
- Analyze production data and optimize output
- Apply financial and economic principles to production decisions
- Evaluate risks and improve operational reliability
- Integrate technology and digital solutions in operations
- Lead teams and manage operational performance
- Align production strategies with business objectives

Target Audience

This program is designed for:

- Production and Petroleum Engineers
- Operations and Field Engineers
- Oil & Gas Managers and Supervisors
- Asset and Facility Managers
- Technical professionals transitioning into leadership roles
- Professionals seeking MBA-level oil & gas knowledge

Outline

Day 1: Upstream Operations and Business Context

- Overview of hydrocarbon production systems
- Reservoir to surface production flow
- Production facilities and equipment
- Role of operations in value creation
- Linking operations with business strategy

Day 2: Production Optimization and Performance Management

- Production system analysis
- Well performance and artificial lift systems
- Surface facility optimization
- Key performance indicators KPIs
- Data-driven decision-making

Day 3: Financial and Economic Analysis

- Production cost structures CAPEX, OPEX
- Revenue generation and pricing
- Economic evaluation NPV, IRR
- Budgeting and financial planning
- Profitability optimization

Day 4: Risk Management and Operational Excellence

- Operational risks in production systems
- Asset integrity and reliability
- HSE and regulatory compliance
- Risk mitigation strategies
- Continuous improvement approaches

Day 5: Leadership, Strategy, and Future Trends

- Leadership in production operations
- Managing teams and performance
- Digital transformation AI, IoT in oil & gas
- Energy transition and sustainability
- Case studies and executive decision-making

Registration form on the Training Course: Hydrocarbon Production Operations MBA

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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