



1-Week Mini-Master in Oil and Gas MBA Training Program

20 – 24 June 2027
Cairo (Egypt)



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Introduction

In an era marked by unprecedented economic turbulence, fluctuating oil prices, and a globalized market environment, it has become essential for organizations to cultivate leaders with a profound comprehension of the international oil and gas industry. Our tailored oil and gas management program is crafted to bestow these aspiring managers with the competencies and knowledge required to ascend to higher echelons of responsibility within their entities.

This comprehensive 1-week mini-master in oil and gas MBA Training program is meticulously designed to equip professionals with the competence to tackle the complexities of the oil and gas industry. Participants will gain insights and skills relevant to oil and gas project management training and a master's degree in oil and gas engineering.

The 1-week mini-master in oil and gas management MBA course offers an intensive exploration of critical principles and strategies relevant to the dynamic energy sector. Participants engage in a comprehensive curriculum designed to enhance their understanding of oil and gas management in a condensed timeframe, equipping them with valuable insights for immediate application in the industry.

Targeted Groups

- Business development professionals.
- Corporate planners, investment analysts, and oil and gas directors are seeking the essence of an entire MBA oil and gas management study program.
- Senior oil and gas executives are drawn to the concept of a mini-master in oil and gas management without the commitment of a full-time MBA.
- Managers in the oil and gas sector desire a preview of an entire MBA to assess its relevance.
- This mini-master in oil and gas management MBA course is for professionals with a generic MBA who wish to contextualize their skills within the oil and gas industries.
- Managers from sectors allied with the industry pursue a more profound comprehension of oil and gas, including bankers, lawyers, and analysts.
- Project managers, engineers, supply planners, and scheduling professionals invested in short courses in oil and gas.

Course Objectives

Participants will conclude this mini-master in oil and gas management MBA course with the ability to:

- Gain a broad understanding of the petroleum industry and the companies that make up this industry.
- Learn about the critical issues facing our industry and strategies used to address these issues.
- Gain specific skills in strategic planning, setting goals, budgeting, and finance.
- Learn the characteristics of an effective leader and understand how leaders motivate, delegate, and inspire.
- Understand how projects are organized and managed.
- Understand the management and allocation of resources money, time, people, tools, and technology.
- Gain skills in managing project costs.
- Deal with project risks through finance and project execution strategies.
- Make effective management decisions using deterministic and probabilistic models.
- Compare international legal systems.
- Learn how to work with international contract law and understand methods of dispute resolution.
- Learn about the legal issues surrounding global supply and transportation.

Targeted Competencies

Upon the end of this mini-master in oil and gas management MBA course, the target competencies will be able to improve the ability:

- Highlight success factors across various energy business models.
- Clarify critical issues, tactics, and concepts specific to the Oil and gas sector.
- Apply a comprehensive management perspective to global Oil and gas businesses.
- Detail risk management practices prevalent within the Oil and Gas Industries.
- Explore the application of oil and gas project management training in practical scenarios.
- Grasp how future demands for oil and gas are shaping the industry trajectory.
- Cultivated personnel are adept at navigating through cycles of low oil prices.

Course Content

Unit 1: Oil Industry Overview

- Understand the origin, source, and nature of hydrocarbons.
- Exploration methodologies.
- Production operations.
- Field processing operations.
- Crude oil transportation.
- Downstream processing.
- Marketing of oil and gas.
- Economics of oil and gas.

Unit 2: Oil Companies, Corporate Relationships, and Structures

- Differentiate between operating and service companies.
- What are the interactions of local, national, and multinational oil companies?
- Understand the distinction between integrated and non-integrated companies.
- Examination of production-sharing agreements.
- Overview of the Organization for Petroleum Exporting Countries OPEC.
- Learn about current issues in the oil industry.

Unit 3: Strategic Planning - Creating a Business Model

- The strategic planning process.
- Understand corporate culture and its impact.
- Craft corporate mission statements.
- Vision and values.
- Stakeholder communication and alignment.
- Business model elucidation for stakeholders.

Unit 4: Budgeting and Finance

- Understand financial planning and budgeting as a strategic implementation tool.
- Case studies on capital budgeting.
- Learn about corporate cash flows and project financing essentials.
- Cash flow analysis for evaluating capital projects.

Unit 5: Management and Leadership

- Characteristics of effective leadership.
- Understand strategies for team building and empowering employees.

Unit 6: Project Management

- Understand essential skills as defined by the Project Management Institute PMI.
- Overview of PMI's knowledge areas.
- Organizational approaches for projects.
- The roles of a leader are motivation, delegation, and inspiration.
- Understand the utilization of project charters and critical objectives.
- Manage of resources, including finances, time, personnel, tools, and technology.
- Learn about an introduction to project cost and time management.
- Risk management within project management.

Unit 7: Fundamentals of Project Control

- What is the concept of the scope of work?
- Work Breakdown Structure WBS.
- The WBS is used as the basis for estimating development and cost control activities.
- WBS as the basis for planning and scheduling.
- The project execution cycle.

Unit 8: Cost Management, Planning and Scheduling, Quality Management

- Learn about scope development and estimate bases.
- Understand the Estimates and budgets and the concept of contingency.
- Estimates and probability.
- What are project cost control and change management?
- Learn about scope changes and cost trends.
- Project schedule control.
- Quality management.

Unit 9: Management Decision Strategies and Algorithms

- Understand the role of probability in management making decisions.
- Mathematical modeling of business processes.
- Make management decisions under conditions of certainty.
- Understand the optimization of mathematical models and interpretation of results.

Unit 10: International Business Law

- Learn about a comparative study of legal systems.
- Delve into international contract law.
- Understand jurisdiction in legal contexts.
- Understand methods and resources for dispute resolution.
- What legal issues surround global supply, transportation, title, and liability?