



External Training Course

Certificate in Global Upstream Oil & Gas Operations

From 12 Aug. To 16 Aug. 2024

From 14 Oct. To 18 Oct. 2024

From 02 Dec. To 06 Dec. 2024

**Marriott Marble Arch Hotel
London - UK**

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Why Choose this Training Course?

The business of oil and gas is multifaceted, technically complex, highly capital intensive and often confronted with potential risks and uncertainties. Today's petroleum industry is dealing with ever increasing levels of complexity, price volatility and competition. The objective of this training course is to provide the participants with extensive exposure to the many complex management issues presently confronting the Upstream Petroleum Industry and to strengthen their understanding to manage business successful.

The innovative technologies in the recovery of oil and gas are also changing the landscape of petroleum industry. Managing international supplies, understanding of fiscal terms and comparison of worldwide fiscal systems is critical to understanding of Upstream production sharing and joint venture contracts.

Risk Analysis of Upstream Projects, Project Evaluation and investment decision-making, require several cross-functional skills that are seamless presented and explained with case studied in this training course. To achieve maximum effectiveness, managers and professionals must continually expand their business knowledge and sharpen their skills. This training course is designed to achieve this goal in a time efficient manner.

Integration of Downstream Refining and Petrochemicals to achieve greater efficiencies is yet another critical factor in this business which will be covered in this training course.

This certification training course on Certificate in Global Upstream Oil & Gas Operations will highlight:

- The basics of oil and gas exploration, production, and its recovery economics to fully understand this global business that fuels the global economy.
- The essential concepts and best production practices of the international oil & gas supply, transportation and trade in oil and gas industry.
- Fundamentals of Fiscal terms and conditions, and comparison of World Fiscal Systems.
- Upstream Concessionary, Production Sharing, Service and Joint Venture Contracts in oil, gas and LNG production.
- Fundamentals of petroleum economics and investment evaluation.
- It seamlessly covers the wide-array of critical business functions, processes, and appropriately deals with the business practices and tactics to build the necessary business acumen in the Competitive and low-price environment.

What are the Goals?

By the end of this certification training course, participants will learn to:

- Gain broad perspective of Upstream oil business, exploration, drilling and production.
- Boost your understanding of the technical and economic efficiencies gained in the Upstream applied through new technologies.
- Master the petroleum economics, investment analysis, risk analysis and petroleum project evaluation.
- Evaluate Fiscal terms and conditions, and compare World Fiscal systems.
- Gain understanding of all Upstream contracts – Concessionary, Production Sharing, Service and Joint Venture Contracts.
- Confidently discuss the technical terms, concepts and buzzwords with your peers and clients.

Who is this Training Course for?

This Certificate in Global Upstream Oil & Gas Operations training course is designed to train and improve the business knowledge of a wide range of professionals as follows:

- Business Development managers.
- Corporate Planning professionals.
- Geoscience & Engineering professionals.
- Refinery professionals.
- Supply Planners & Scheduling professionals.
- Government regulators.
- Law professionals.
- Tax & Finance advisors.
- Auditing personnel.
- Compliance officers.
- Equity analyst and Bankers.
- Joint Venture officers.
- Negotiators and Contracting professionals.
- Trading professionals.

Organizational Impact

By sending their employees to this certification training course on Certificate in Global Upstream Oil & Gas Operations, the organization will gain a wider range of skills that participants gain and henceforth apply in their work-space that will directly benefit their respective companies:

- Offers a wider management perspective of global Upstream business and highlights the success factors in each category of several business models.
- Defines how innovations in Upstream oil & gas energy and renewables are helping to drive economic growth and improve living standards around the world.
- Clarifies how we can achieve these high efficiency goals while delivering value to shareholders.
- Inculcates the corporate culture of effectively dealing with the core issues, tactics and essential concepts of successfully running the global petroleum business.

Personal Impact

Each participant will be able to enhance technical knowledge and business skills of Petroleum Industry that will directly benefit his/her career growth:

- Master the core competencies of Upstream oil, natural gas, & LNG Industry.
- Sharpen the business skills by learning those technique that improve capital productivity and operational excellence.
- Understand the value chain optimization in Hydrocarbon Industry and apply at the workplace to improve stockholders value.
- Be fully cognizant of success factors in oil, gas, LNG Industry, and how to deal with price risk uncertainties.
- Hedging the risk at corporate level, business segment level and at individual transaction level.

Course Agenda & Outline

Day One: General Industry Overview & Basic Concepts

- Introduction to Oil & Gas Industry.
- Petroleum Industry Dynamics & Future Trends.
- Oil & Gas Geology.
- Oil & Gas Prospecting (Exploration).
- Drilling Operations.

Day Two: Upstream Success Factors

- Technological Advances.
- Well Evaluation.
- Well Completions.
- Reservoir Depletion Mechanisms.
- Oil & Gas Surface Facilities.
- Transportation.
- Maintenance of Oil & Gas Facilities.
- Oil & Gas Reserves.

Day Three: Profitably Managing Upstream Business

- Oil & Gas Reserves.
- Reservoir Management.
- Crude Oil Refinery Products & Processes.
- Legal Framework of the Industry.
- Project Economics.
- Oil Price Risk Management.

Day Four: Upstream Production Contracts & Fiscal Systems

- Relationships between Oil Companies and Host Governments.
- Understanding Petroleum Fiscal Systems.
- Identification of different types of fiscal terms and their application.
- Concession (royalty/tax) Contracts.
- Production Sharing Contracts.
- Service contracts and Joint Venture Contracts.
- Review & Comparison of Different Fiscal Systems in the world for Petroleum Industry.
- Fiscal options and latest trends for Liquefied Natural Gas (LNG) projects.

Day Five: Petroleum Economics, Risk Analysis and Project Evaluation

- Petroleum dynamics – Global, Regional & OPEC production scenarios.
- Profitability indicators for oil & gas business.
- Comparison and investments selection criteria.
- Corporate portfolio management and maximize returns.
- Risk & Uncertainty analysis in capital investments.
- Evaluate projects by risk-based economics.
- Fundamental Considerations in Petroleum Project Evaluation.
- Investment Decision-Making Techniques.

