

▲ Who should attend?

- Those within the international oil and gas industries whose work requires an understanding of the economics of all business sectors.
- Those with expertise in one or more functional areas who need to be aware of their interrelationships with other parts of the business.
- Those in government, industry, commerce and public institutions who need insight into the overall structure and functioning of the oil markets.

▲ Duration

3 days

▲ In-house Course

▲ Conditions

To be agreed upon

▲ Course Coordinator

Karim Faïd

Ref. **EG/EOGS**

ECONOMICS OF THE OIL AND GAS BUSINESS SECTORS

OBJECTIVES

To provide a comprehensive insight into the fundamental economic features of oil and gas markets, and on business decision-making processes in oil companies and related institutions.

At the end of the course participants will be able to understand:

- the structure of global energy markets
- the forces and their relative importance in determining international crude oil prices
- the factors determining refinery margins and product price differentials
- the refining/petrochemical industry interface
- the basic principles of risk management
- the economics of the gas business.

COURSE CONTENT

THE OIL SCENE 1 day

- Structure of world energy and oil markets.
- Energy demand, oil production, reserves, oil consumption, price evolution.
- The actors; international oil companies, independents, state companies.
- Essentials of oil and gas exploration and production and their economics.

PRICING MECHANISMS AND RISK MANAGEMENT 0.5 day

- The role of OPEC in oil price formation.
- Current oil market situation.
- Crude oil pricing: mechanisms and price reporting.
- Hedging, options, swaps.
- Basic principles of risk management.

NATURAL GAS 0.5 day

- Natural gas industry, sources, demand, players.
- LNG cost chain, development of LNG trade, plant cost reduction.
- Gas supply costs, price determinants.
- Asia-Pacific markets, gas to liquids, technology advances.

REFINING 0.5 day

- Refining processes and costs.
- Effect of new product specifications.
- Developments in the refining industry.
- Refining economics and product price interrelationships.

PETROCHEMICALS 0.25 day

- Interrelationship between oil refinery and petrochemical plant.
- Product output and positioning in international markets.
- Coping with economic cycles.

STRATEGIC ISSUES 0.25 day

- Oil company strategies, alliances and mergers.
- Review of activities oil companies.
- Questions and answers.