



**Global Oil and Gas Industry Analysis**  
**Past, Present and Future**

INSTITUTE FOR PROFESSIONAL AND EXECUTIVE DEVELOPMENT

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**UNIT SPECIFICATION**



Designed in England,  
United Kingdom

## Unit Title

Global Oil and Gas Industry Analysis; Past, Present and Future

## Credit value

The credit value for this unit is 30

30 credits equivalent to 300 hours of teaching and learning  
(10 hours is equivalent to 1 credit)

Guided learning hours (GLH) = 50 hours

GLH includes lectures, tutorials and supervised study. This may vary to suit the needs and requirements of the learner and/or the approved centre of study.

Directed learning = 50 hours: This includes advance reading and preparation, group study, and undertaking research tasks.

Self-managed learning = 200 hours: This includes completing assignments and working through the core and additional reading texts. It also includes personal research reading via other physical and/or electronic resources.

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**Learning outcome**

**Learner will:**

1.0 Understand past events significant to the oil and gas industry.

- 1.1 History of oil discovery
- 1.2 History of Standard Oil Trust and its role in the petroleum industry
- 1.3 Crude oil price behaviour
- 1.4 OPEC (Organization of Petroleum Exporting Countries)

2.0 Understand the significance of oil and gas in the global economy.

- 2.1 Serving as vital energy source
- 2.2 Serving as lifeline to world economy
- 2.3 Sector employment creation
- 2.4 National wealth creation
- 2.5 Government tax revenues from oil and gas sales
- 2.6 National security issues of oil and gas
- 2.7 Sector for investment

3.0 Understand the nature of global supply of oil and gas.

- 3.1 Percentage producers and consumers of oil and gas around the world.
- 3.2 The major oil, and gas producers respectively.
- 3.3 Types of firms operating in the oil and gas industry. E.g. Integrated Oil Companies, Oil Majors, Independents, National Oil Companies etc.
- 3.4 Peak Oil Theory
- 3.5 Campbell's prediction of global oil supply

4.0 Understand the nature and significance of OPEC (Organization of the Petroleum Producing Countries).

- 4.1 OPEC formation; when, why
- 4.2 OPEC mission
- 4.3 Discipline maintenance among OPEC members
- 4.4 Strategic future of OPEC

5.0 Understand the resource (oil) curse and how it can be avoided.

- 5.1 What is the resource curse and how does it occur?
- 5.2 Arguments underpinning the oil curse
- 5.3 The Dutch disease
- 5.4 Avoiding the oil curse

6.0 Understand the nature of corporate and government interests in the oil and gas industry.

- 6.1 Financial, business, internal and social stakeholders
- 6.2 Government impact on the global oil and gas industry
- 6.3 State ownership of oil and gas companies

7.0 Understand major factors driving change in the global oil and gas industry.

- 7.1 Innovation and technology
- 7.2 Mergers and acquisitions
- 7.3 Influence of China and India
- 7.4 Industry substitutes and alternative fuels

8.0 Understand political issues affecting the oil and gas industry.

8.1 Taxes and subsidies

8.2 Market stability

8.3 Geographical issues

8.4 Climate change

8.5 Reputation management

9.0 Understand key issues affecting the future of the oil and gas industry.

9.1 Peak demand of oil

9.2 Search for new sources of oil

9.3 Shift to gas

9.4 Substitutes and alternative energy

9.5 Emerging markets and their growing energy needs.

Etc.

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## Recommended learning resources

<b>Indicative reading</b>	<p>The Economics of Oil; A Primer including Geology, Energy, Economics and Politics by S.W. Carmalt. ISBN: 978-3-319-47817-3</p> <ul style="list-style-type: none"><li>• For a full list of textbooks and publications relevant to this unit, please contact IPED - UK.</li></ul>
<b>Study manual</b>	<ul style="list-style-type: none"><li>• A comprehensive IPED study material is available to aid in learning and research of this unit.</li><li>• We supply IPED course materials free of charge. Our study materials, which offer quick learning start, are comprehensive, use simple English, and are easy to read and understand. The contents are so sufficient and self-explanatory; that in majority of cases readers do not require further support; although support is always available when you need it.</li></ul>