

MODULE DESCRIPTOR

Module Title

Oil and Gas Management

Reference	BSM2519	Version	9
Created	August 2021	SCQF Level	SCQF 11
Approved	September 2018	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

Aims of Module

To provide learners an advanced understanding of the nature and function of companies and other organisations involved in technical, financial, commercial and contractual activities in the North Sea and world-wide upstream oil and gas industries. The nature of mid and downstream oil and gas activities will be briefly examined to set an overall context.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Evaluate the primary uses of oil and gas and the significance of oil and gas within the global energy industry with the broad technical issues involved in the location and development of oil and gas reserves
- 2 Critically discuss the objectives and functions of and commercial relationships between companies and organisations in the upstream oil and gas supply chain
- 3 Critically analyse the broad principles and practical implementation of petroleum taxation regimes in various regions of the world.
- 4 Evaluate the risks associated with the upstream oil & gas industry across the life cycle of a development and/or life cycle of a basin

Indicative Module Content

The life cycle of an oil field, from before discovery, through development to decommissioning. The role of the various organisations involved in the oil industry - governments, oil companies, service companies, regulators and external (i.e. non-oil) bodies. The concept of the Operator and how they discharge their legal and commercial obligations (including e-commerce). Examine Joint Operating Agreements, Production Sharing Contracts, legal arrangements and contractual relationships, petroleum economics and taxation, including various international taxation regimes. Review the risks faced by the industry and means of identifying and managing them. Awareness of future oil and gas sources and social responsibility and climate change issues

Module Delivery

For classroom teaching this is a lecture based course supplemented with discussions. For DL this is a book based course supplemented by video lectures and on-line discussions

Indicative Student Workload

Full Time Part Time

Contact Hours

36

42

Non-Contact Hours

114

108

Placement/Work-Based Learning Experience [Notional] Hours

N/A

N/A

TOTAL

150

150

*Actual Placement hours for professional, statutory or regulatory body***ASSESSMENT PLAN**

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:

Coursework

Weighting:

100%

Outcomes Assessed:

1, 2, 3, 4

Description:

Course work

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 comprises 100% of the module grade. To pass the module, a D grade is required.

Module Grade

Minimum Requirements to achieve Module Grade:

A

A

B

B

C

C

D

D

E

E

F

F

NS

Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module

None.

Corequisites for module

None.

Precluded Modules

None.

INDICATIVE BIBLIOGRAPHY

- 1 INKPEN, A. and MOFFETT, M.H., 2011. *The global oil and gas industry: management, strategy and finance*. Tulsa, Okla. : PennWell Corp. *ebook*
- 2 KEMP, A.G., 2012. *The official history of North Sea oil and gas. Vol. 1: The growing dominance of the state*. Abingdon: Routledge. *ebook*
- 3 PROJECT MANAGEMENT KNOWLEDGE.COM, 2010. *Cost-reimbursable contract*. [online]. Project Management Knowledge.com. Available free on the internet.
- 4 TORDO, S., 2007. *Fiscal systems for hydrocarbons: design issues. World Bank Working Paper 123*. [online]. Washington: World Bank. Available free on the internet.
- 5 YERGIN, D., 2009. *The prize : the epic quest for oil, money and power*. New York: Free Press.
- 6 Journals: *World Oil Energy Economics Databases: OnePetro Business Source Complete Web site: BP Statistical Review of World Energy Available free on the internet.*