

Module Title Oil and Gas Management	Reference BSM2519
Keywords Oil, Gas, Offshore, Exploration & Development, Operators, Suppliers, Partnering, Alliancing, Risk.	SCQF SCQF Level 11 SCQF Points 15 ECTS Points 7.5 Created May 2002 Approved September 2014 Amended August 2013 Version No. 5

This Version is No Longer Current

The latest version of this module is available [here](#)

Prerequisites for Module

None in addition to course entry requirement or equivalent.

Corequisite Modules

None.

Precluded Modules

None.

Aims of Module

To introduce the student to 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

Indicative Student Workload

	Full Time	Part Time	Distance Learning
<i>Contact Hours</i>			
Assessment	20	20	20
Lectures	36	32	0
Online Activities	0	0	35

Directed Study

Directed study	40	40	40
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Private Study

Private Study	54	58	55
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Mode of 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

Assessment Plan

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

	Learning Outcomes Assessed
Component 1	1,2,3,4

Component 1 will be assessed by coursework at the end of the module

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-reimbursement 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.

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

6. Journals:

World Oil

Energy Economics

Databases:

OnePetro

Business Source Complete

Web site:

BP Statistical Review of World

Energy Available free on the internet.