

Summary Information

Module Code	7405BEPG
Formal Module Title	Advanced Oil and Gas Management
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	33

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	1. To examine the technical, economical, financial, commercial and contractual activities in the oil and gas industry. 2. To explore the main challenges facing the oil and gas sector, its responses to these challenges and future directions within the global market.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Evaluate the technical, economical, financial, commercial and contractual activities associated with the oil and gas sector.
MLO2	2	Critically analyse the key challenges facing the global oil and gas industry.
MLO3	3	Evaluate national and international energy policy frameworks and strategies.
MLO4	4	Develop a critical awareness of the oil and gas value chains: upstream, midstream and downstream.
MLO5	5	Critically discuss how investment decisions are made in the oil and gas sector.
MLO6	6	Evaluate the risks associated with the three major sectors: downstream, midstream and upstream.

Module Content

Outline Syllabus	The module will cover a range of topics in the following areas: global issues and energy, oil and gas value chains, national and international energy policy frameworks, challenges facing the oil and gas sector, risks and uncertainty associates with oil and gas sector, key players in the oil and gas sector, planning issues for energy infrastructure, contractual and commercial arrangements.
Module Overview	
Additional Information	This module will examine aspects of the oil and gas sector considering the future challenges within this global market.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Artefacts	Portfolio Case Study Related	100	0	MLO1, MLO2, MLO3, MLO4, MLO5, MLO6

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Mohan Siriwardena	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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