

Liverpool John Moores University

Title: Advance Oil and Gas Management
Status: Definitive
Code: **7201BEPG** (120472)
Version Start Date: 01-01-2016

Owning School/Faculty: Built Environment
Teaching School/Faculty: Built Environment

Team	Leader
Edward Ochieng	Y

Academic Level: FHEQ7 **Credit Value:** 20.00 **Total Delivered Hours:** 33.00
Total Learning Hours: 200 **Private Study:** 167

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	33.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Case Study	Industry related case study based	100.0	

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.*

Learning Outcomes

After completing the module the student should be able to:

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

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Portfolio Case Study	1	2	3	4	5	6
Related						

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.

Learning Activities

The module is delivered in taught mode by lectures including discussions using case studies, interactive group work and directed self-study.

Notes

This module will examine aspects of the oil and gas sector considering the future challenges within this global market.