

Faculty of Engineering & Technology

History of petroleum industry

Information :

Course Code : HUM H02 **Level :** Undergraduate **Course Hours :** 2.00- Hours

Department : Department of Petroleum Engineering

Instructor Information :

Title	Name	Office hours
Lecturer	Mohamed Alaa Eldin Mohamed Abdelbakey	1

Area Of Study :

The Main Goals of this course are preparing student to:

- Know the history of petroleum industry
- List the history of oil and gas in a variety of different petroleum technologies which includes the origins of oil and gas
- Define petroleum exploration, reservoir performance drilling, formation evaluation, production, transportation, marketing, and refining.

Description :

An overview of the petroleum industry. The history of oil and gas in a variety of different petroleum technologies which includes the origins of oil and gas, petroleum exploration, reservoir performance, drilling, formation evaluation, production, transportation, marketing, and refining.

Course outcomes :

a.Knowledge and Understanding: :

- 1 - Illustrate knowledge and understanding the history of petroleum industry
- 2 - Explain the modern exploration, production and processing operations of the petroleum industry
- 3 - Illustrate technical achievements in petroleum industry.
- 4 - Describe the the global-economy of the petroleum industry.

b.Intellectual Skills: :

- 1 - Compare between technical achievements in petroleum industry.

c.Professional and Practical Skills: :

- 1 - Write report about global-economy of the petroleum industry.

d.General and Transferable Skills: :

- 1 - Use internet in research and communications.
- 2 - Learn how to work as a part of teamwork.
- 3 - Work effectively individually.
- 4 - Learn proper use of equipment used in analysis.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
History of petroleum industry	8	8	
Modern exploration, production and processing operations of the petroleum industry operations of the petroleum industry	8	8	
The History of petroleum exploration, reservoir performance drilling, and formation evaluation.	6	6	
The History of production, transportation, marketing, and refining	8	8	

Teaching And Learning Methodologies :

Interactive Lecturing

Discussion

Research

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
Discussion and Participation	10.00		
Final Exam	40.00		
Mid- Exam I	28.00		
Quizes	10.00		
Reports	15.00		

Course Notes :

Available plot Files

Recommended books :

Francisco Parra, Oil Politics A Modern History of Petroleum, I.B.Tauris