

Faculty of Engineering & Technology

Reservoir Rock Properties

Information :

Course Code : PE 302

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Petroleum Engineering

Instructor Information :

Title	Name	Office hours
Lecturer	Mohsen Gad Elkarim Elnoby Mohamed	2
Assistant Lecturer	MOAMEN AHMED GASSER HASSAN KAMEL IBRAHIM KAMEL	
Teaching Assistant	AHMED NAGUIB ABDELAZIZ ABDELAZIZ GHONIM	
Teaching Assistant	Abdelrahman Adel Abdullah Abdelghany Kandil	

Area Of Study :

The course introduces the students to the various disciplines of Reservoir Engineering. Those disciplines include porosity, permeability, fluid saturation, wettability, electric conductivity, capillary pressure and net pay thickness. It also provides an overview of the well coring.

Course outcomes :

a. Knowledge and Understanding: :

1 -	To get acquainted with the various petroleum engineering disciplines
2 -	To understand the rock properties of the reservoir in which the hydrocarbons accumulated

b. Intellectual Skills: :

1 -	To use simple data and information related to course contents.
2 -	To apply various basic geological and engineering concepts to reservoir problem solving

c. Professional and Practical Skills: :

1 -	To be able to solve problems related to drilling, reservoir and production engineering
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d. General and Transferable Skills: :

1 -	Ability to work in team
2 -	Ability to understand and predict the hydrocarbons reservoir behavior

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Introduction	2	Introduction	

