

Faculty of Engineering & Technology

Mechanical Earth Modeling

Information :

Course Code : PE 502

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Petroleum Engineering

Instructor Information :

Title	Name	Office hours
Associate Professor	Ashraf Fahmy Mohamed Ismael	13
Assistant Lecturer	YOUSSEF ELSAYED ABDELHAFEZ KANDIEL	

Description :

Development of the Mechanical Earth Model's principle components(MEM), formation in-situ stress and strength. 1-D modeling methods are reviewed and extended to 3-D; and the integration of MEM with well design is shown. An MEM model will be created and compared to actual field results.