

Faculty of Engineering & Technology
Fundamentals of Petroleum Reservoir Simulation

Information :

Course Code : PET 510

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Department of Petroleum Engineering

Instructor Information :

Title	Name	Office hours
Professor	Adel Mohamed Salem Ragab	9
Teaching Assistant	Taha Abdelhamid Abdelmaqsoud Abdelhamid Yehia	

Description :

An introduction to petroleum reservoir simulation. Fundamentals of finite difference approximation of the partial differential equations of flow through porous media. Discussion of various simulation schemes, data handling, boundary conditions. Use of a dry gas and black oil simulators.