

Faculty of Engineering & Technology**Finite Element Analysis with Applications in Petroleum Engineering****Information :****Course Code :** PE 407**Level :** Undergraduate**Course Hours :** 4.00- Hours**Department :** Department of Petroleum Engineering**Instructor Information :**

Title	Name	Office hours
Professor	Hamdy Mohamed Ahmed Mahmoud	10
Teaching Assistant	Akram Rabie Hamed Ragheb Tobar	

Description :

This course introduces finite element analysis (FEA) methods and applications of subsurface engineering. The course is intended to provide a fundamental understanding of FEA software and experience in creating meshes for petroleum reservoirs or other subsurface features.