Faculty of Engineering & Technology

Fluid Mechanics

Information :

Course Code :	MPR 252	**Level :**	Undergraduate	**Course Hours :**	3.00- Hours

Department :	Department of Petroleum Engineering

Instructor Information :

Title	Name	Office hours
Lecturer	Zakaria Mostafa Abdo Salim Marouf	3
Lecturer	Mohamed Ahmed Mahmoud Karali	3
Lecturer	Ahmed Mahmoud Mohamed Ahmed Abouzaid	1
Lecturer	Ahmed Mahmoud Mohamed Ahmed Abouzaid	1
Assistant Lecturer	Moustafa Raafat Aziz Shousha	
Teaching Assistant	Raouf Mahmoud Mourad Naguib	

Description :

Introduction and fundamental concepts of fluids, Statics of fluids, Characterization of fluid flow, Integral equations, Basic equations: conservation of mass, momentum and energy, Bernoulli's equation, Application on momentum and Bernoulli's equations, Viscous flow in ducts and pipes, Basics of dimensional analysis and dynamic similarity.

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