

Faculty of Engineering & Technology**Fluid Mechanics****Information :****Course Code :** MPR 252**Level :** Undergraduate**Course Hours :** 4.00- Hours**Department :** Department of Structural Engineering & Construction Management**Instructor Information :**

Title	Name	Office hours
Lecturer	Zakaria Mostafa Abdo Salim Marouf	2
Teaching Assistant	Mia Mohamed Fawzy Abdelhamid Alatawy	

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.