

Republic of Iraq

College: Shatt Al-Arab

Ministry of Higher

Education and Scientific Research

Department: Civil Engineering

Supervision and Scientific
Evaluation Apparatus



College: Shatt Al-Arab University

College: Engineering

Department: Civil Engineering

Stage: 2nd stage

Course Weekly Outline

Week No.	Theoretical	Experimental
1	Fluid Properties, Units and Dimensions	Fluid Properties, Units and Dimensions
2	Fluid pressure and its measurements	Fluid pressure and its measurements
3	Fluid pressure and its measurements	Fluid pressure and its measurements
4	Hydrostatic forces on surfaces: plane Surfaces	Hydrostatic forces on surfaces: plane Surfaces
5	Hydrostatic forces on surfaces: plane Surfaces	Hydrostatic forces on surfaces: plane Surfaces
6	Hydrostatic forces on surfaces: plane Surfaces	Hydrostatic forces on surfaces: plane Surfaces
7	Hydrostatic forces on surfaces: Non plane Surfaces	Hydrostatic forces on surfaces: Non plane Surfaces
8	Hydrostatic forces on surfaces: Non plane Surfaces	Hydrostatic forces on surfaces: Non plane Surfaces
9	Applications of Hydrostatic forces on surfaces	Applications of Hydrostatic forces on surfaces
10	Buoyancy and floatation	Buoyancy and floatation
11	Buoyancy and floatation	Buoyancy and floatation
12	Kinematics and dynamics of fluid flow, Bernoulli's equation	Kinematics and dynamics of fluid flow, Bernoulli's equation
13	Kinematics and dynamics of fluid flow, Bernoulli's equation	Kinematics and dynamics of fluid flow, Bernoulli's equation
14	Fluids Subjected to constant acceleration	Fluids Subjected to constant acceleration
15	Fluids Subjected to constant acceleration	Fluids Subjected to constant acceleration