

Course Name: Fluid and Hydraulics Lab.

Course Number: 110401358

Prerequisite: 110401356*

Course Description:

Center of pressure on a plane surface, stability of a floating body, Venturi and orifice meters, impact of jets, flow over a rectangular notches, flow over a weirs, head loss through pipes, critical depth and specific energy, flow under a sluice gate, roughness of open channel, hydraulic jump, performance of impulse and reaction turbines, performance characteristics of a centrifugal pump.