MECH6370 - Incompressible Fluid Mechanics

MECH 6370 Incompressible Fluid Mechanics (3 semester credit hours) Fundamentals of fluid mechanics of Newtonian, incompressible flows in various regimes. Derivation of governing equations of motion, and introduction to viscous internal and external flows in laminar and turbulent regimes. Prerequisite: MECH 3315 or equivalent. (3-0) Y