MEC E 430 - Fluid Mechanics II

★ 3 (fi 8) (either term or Spring/Summer, 3-0-0) Navier-Stokes equations, introductory computational fluid dynamics, boundary layers, compressible fluid flow (variable area ducts, normal and oblique shock waves, Prantdl-Meyer expansions, adiabatic and isothermal pipe flow), two phase flow. Prerequisite: MEC E 330 or 331.