

ME 6540	Design of Machine Elements	Design of common machine elements including clutches, brakes, bearings, springs, and gears. Optimization techniques and numerical methods are employed as appropriate.
ME 8010	Foundations of Fluid Mechanics	Derivations of basic equations for multidimensional flow fields; analytical techniques for solving problems in laminar viscous flow and laminar inviscid flow; theories of similitude.
ME 8930	Selected Topics in Mechanical Engineering	Topics not covered in other courses. May be repeated for credit.