

Course Schedule - Spring 2007

Chemical and Biomolecular Engineering

522 **Fluid Dynamics** Credit: 4 hours.

Basic concepts in fluid dynamics with special emphasis on topics of interest to chemical and biomolecular engineers; derivation of the Navier-Stokes equations; solutions for creeping flow, for perfect fluids, and for boundary layers; non-Newtonian fluids; and turbulence. Prerequisite: Consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
32130	lecture	1	08:30 AM - 09:50 AM	MW	room 241 Everitt Elec and Comp Engr Lab	Higdon, J
46426	lecture	A	ARRANGED			