

Course Schedule - Fall 2004

Aerospace Engineering

412 ***Viscous Flow and Heat Transfer*** Credit: 4 hours.

(A A E 314) Momentum and thermal transport in wall boundary-layer and free shear flows, solutions to the Navier-Stokes equations for heat conducting laminar and turbulent shear flows; similarity concepts; thermal boundary layers in ducts and high-speed aerodynamic boundary layers. Same as ME 411, and TAM 438. 4 undergraduate hours. 4 graduate hours. Prerequisite: AE 311 or ME 310 or equivalent.

CRN	Type	Section	Time	Days	Location	Instructor
29800	lecture-discussion	A	10:00 AM - 11:50 AM	TR	room 218 Mechanical Engineering Bldg	Buckmaster, J