MAE 335  Fluid Mechanics

Fall 2009
Lecture:  MWF 10:00-10:50 am  104 Knox
Recitation:  F  9:00- 9:50 am  104 Knox

Instructor:  Dale B. Taulbee
            315 Jarvis Hall
            tldale@buffalo.edu
            Hours:  MW 9:00-9:50, 11:00-11:50
            F 11:00-12:00

Text:  Fluid Mechanics by Dale B. Taulbee
       (Book can be purchased from Great Lakes Copying in the Commons)

Class Web Site:  www.eng.buffalo.edu/Courses/mae335/

Subject Schedule:
Fluids and Fluid Mechanics  8/31;9/2
Fluid Statics  9/4,9,11,14
Basic Laws for Finite Systems  9/16,18,21,23,25
Review, Exam* I  9/30;10/2*
Motion and Dynamics  10/5,7,9
Flows with Friction  10/12,14
Dimensional Analysis  10/16,19,21,23
Internal Viscous Flows  10/26,28,30;11/2
Review, Exam* II  11/4,6*
Incompressible Inviscid Flows  11/9,11,13,16
External Viscous Flows  11/18,20,23,30
Compressible Flow  12/2,4,7,9
Review, Final Exam*  12/11,??*

Grading:  Exam I  25%
          Exam II  25%
          Homework  10%
          Final Exam  40%