Syllabus

ENG 103-2:FLUID MECHANICS

University of California at Davis Mechanical and Aeronautical Engineering

Meets: MWF 1:10-2:00, 202 Wellman M 2:10 – 3:00, 129 Wellman

Instructor: Dr. Jason Roney Office: Bainer 1236A/Saltation Wind-Tunnel Facility Telephone: (530) 752-8686 Email: jaroney@ucdavis.edu

Textbook: F.M. White, Fluid Mechanics, 4th edition, WCB/McGraw Hill, Boston 1999.

Midterm: Tentatively Monday, May 14, 2001 (2 hours) Final: Tuesday, June 12, 2001 8:00-10:00 a.m. Last Day of Class: Wednesday, June 6, Also, No Class May 28, 2001

Grading: Homework*/Quizzes*: 25% Midterm: 35% Final (Comprehensive): 40%

*Homework will be due at the beginning of class on the due date. Late policy: 50% off, one day late, and will not be accepted 2 days late. Homework will be assigned in class.

* Quizzes will be announced one week prior to the day and will be periodic throughout the quarter or at the discretion of the instructor.

Course Outline:

A solid overview of Chapters 1-7 from White, 1999 will be covered in addition to supplemental material not in the book.

Course Chapters
1.1-1.9
2.1 - 2.8
3.1-3.6
4.1 - 4.10
5.1 - 5.5
6.1 - 6.7
7.1 - 7.6

Course Outline Subject to Appending as the Quarter Progresses.