UNIVERSITY OF CALIFORNIA, RIVERSIDE  
Department of Mechanical Engineering  

ME 115B, Fluid Mechanics  
Fall 2002  

Day/Time/Place: Lecture: Tuesday/Thursday, 9:40 - 11:00 p.m., Surge 284  
Discussion: Thursday, 11:10 – 12:00 p.m., OLMH 1133  

Instructor: Dr. Akula Venkatram  
A343 Bourns Hall  
787-2195  
venky@engr.ucr.edu  

Office Hours: Wednesday/Thursday, 3:30-5:00 p.m. (A343 Bourns), or by appointment  


Grading Policy:  
- Homework Assignments ..................................... 15%  
- Quizzes ............................................................ 10%  
- Project ............................................................. 15%  
- Midterm Exam ....................................................... 20%  
- Final Exam .......................................................... 40%  

Final Exam: Tuesday, December 10, 2002, 8:00 - 11:00 a.m.  

FALL 2002 - SCHEDULE  

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CLASS POLICIES

Class Absences:

- Students are expected to attend all classes, although attendance is NOT mandatory. Please do not be late for class. Some of the material presented in lecture may not be found in the textbook. Students are responsible for knowing material in the assigned readings as well as material covered in lecture. Lecture emphasis will be placed on technical details; informational details are covered in the assigned readings. THE CLASS WILL MOVE AT A RAPID PACE – STUDENTS ARE EXPECTED TO KEEP UP WITH THE ASSIGNMENTS.

- In the event that you miss class, you should obtain class notes and any handouts from a classmate. DO NOT ASK THE INSTRUCTOR FOR CLASS NOTES!

Assigned Reading and Homework:

- The assigned readings are outlined on the course syllabus. Student knowledge of some material, even though not covered in lecture, may be assumed for the purpose of solving homework and examination problems.

- The homework assignments given in this course are designed to reinforce the material presented in class and in the text books. To encourage you to complete the assignments, homework will be graded and is a major component of your overall course score. HOMEWORK IS DUE ON THE DATE. OTHERWISE NO CREDIT WILL BE GIVEN.

Quizzes:

- Quizzes are intended to motivate students to learn the material being covered in class and to prepare for exams. A quiz will be given during most discussion sessions, and will consist of one or two problems similar to those assigned as homework.

Examinations:

- There are no excused absences from an examination without prior arrangement with the instructor, other than a valid, verified medical condition that prevents attendance. If you are unable to take a test and know in advance, please make arrangements to take the test at an earlier time, or to take a make-up exam.

- Make-up exams will be given at the discretion of the instructor and generally will be more difficult than the regular exam; the make-up exam may be oral or written.
NOTES ON HOMEWORK ASSIGNMENTS AND TESTS

Homework Assignments:

- Homework assignments will be submitted on standard engineering graph paper, 8.5" x 11", with 5 ruled lines per inch. Work (calculations, essay, etc.) should be included on the front side of pages. Use the back sides of paper for scratch work only. Alternatively, work that has been prepared with computer software packages may be submitted.
- Work may be done in ink or pencil (soft lead, No. 2 or B). Final answers should be delineated clearly.
- BE NEAT! If it can't be read, it can't be graded!

Quizzes:

- Solutions for quizzes are to be completed on standard engineering graph paper. Responses should be presented clearly and logically and, if calculations are required, the calculations should be shown neatly.

Exams:

- Students are required to complete the examinations in an *Examination Blue Book*. These books can be purchased in the bookstore; they cost about $0.30 each. It is a good idea to buy 7 or 8 at the beginning of the semester. During the exams, you may use your own paper as scratch sheets. However, grading will be based only on the work included in the *Examination Blue Book*.
- Answers for examination problems should be clearly identified and, if calculations are required, the solution approach (the calculations) should be shown.
- Examination scores for each test will be posted within one week after the examination. DO NOT ASK THE INSTRUCTOR IF THE TESTS ARE GRADED BEFORE THE GRADES ARE POSTED!