MATH 131, Linear Algebra 1

GENERAL INFORMATION:

Lecture (30675): MWF 11:10 AM - 12:00
Room: BOYHL 1471
Instructor: Muralee (Dr. M. Muraleetharan)
Office: 225 Surge Building
Phone: (951) 827-6482
E-mail: muralee@math.ucr.edu
Office hours: MW 10:10 AM- 11:00 AM, and by appointment

Teaching Assistants:
NIEMEYER, ROBERT :
Discussion (131-02): T 10:10 AM - 11:00 AM. Room: INTS 2138
BENNETT, MATTHEW:
Discussion (131-03): T 2:10 PM - 3:00 PM. Room: SPR 2361

Textbook: Linear Algebra, Third Edition, by J. Fraleigh and R. Beauregard.

EXAMS AND GRADING:

Homework: 8 - 10 Homework sets
Midterm exam: Friday 10/29/10, during the lecture.
Final exam: Friday 12/10/10, 8:00 AM - 11:00 AM
Grading: The final grade is composed of:
50% of the Final exam grade
30% of the Midterm exam grade
20% of the Homework/Quiz

Your lowest homework score will be dropped.
The following grading scale will be used:
A student with an average of at least 90% will receive a grade of at least A-.
A student with an average of at least 80% will receive a grade of at least B-.
A student with an average of at least 65% will receive a grade of at least C-.
A student with an average of at least 50% will receive a grade of at least D-.

1. The final exam is comprehensive.
2. All exams are closed notes and books. Calculators are not allowed.
3. No make up exams - If you miss the midterm because of a documented medical
situation or family emergency, the grade will be computed without taking into account
the missed exam.

COURSE OUTLINE:

Prerequisites: concurrent enrollment in or completion of MATH 010A. If you are unsure whether your background is adequate for this course, please make an appointment to discuss this with me immediately.

The course will cover an introduction to vector spaces, matrices, and linear transformations (Chapters 1 - 4 from the textbook). For each topic covered, a list of **suggested practice problems** will be assigned, usually about ten. These problems will be used directly or as templates for problems on examinations. Students should prepare all of these problems. Each week a selected number of problems from the "practice problems" will be collected for grading. **All work must be submitted on time; no exceptions**. A student will receive a grade of "0" for each missed or late assignment.

CLASS MEETINGS and ATTENDANCE: Classes will meet four times each week. Lectures will be given on Monday, Wednesday, and Friday. Each section will meet for one discussion each week on Tuesday. **Attendance is required**.

COLLABORATION and ACADEMIC INTEGRITY: Students are encouraged to work cooperatively on practice problems. There is quite a bit of evidence that this sort of collaboration improves performance in mathematics courses. However, all work submitted for grading must be the work of the individual submitting the work. No collaboration is permitted on work submitted for grading. Copying another student's homework is a violation of the University Code of Conduct.