Spring 2011 - Math 461
Linear Algebra for Scientists and Engineers

**Lectures:** TuTh 11:00am-12:15pm (ARM 0131)

**Instructor:** Prof. A. Mellet  
Office: Math Building 4104  
Email: mellet@math.umd.edu

**Course web page:** Lectures schedule, homework and Matlab assignments, as well as other important informations regarding the class will be posted on the course web page:  
http://www.math.umd.edu/~mellet/math461

**Text and Course Materials:**  

**Exams:** There will be three midterm exams and one final exam. The midterm exams will be held during the lecture sessions on the following dates:  
- Midterm 1: Tuesday February 22  
- Midterm 2: Tuesday March 29  
- Midterm 3: Thursday May 5  
The Final exam will take place on Thursday May 12, 8:00-10:00 am

**Homework:** Success in the course is highly correlated with regular attendance and punctual completion of homework. The lecture schedule/homework assignment sheet lists the due dates for each assignment. Homework should be written neatly and are to be turned in at the end of discussion session on their due date (I recommend doing homework problems daily at the same pace as the lectures).

You may consult other students regarding your homework, but the final write-up should be done on your own (in other words, no copying). Copying solutions from each other violates University of Maryland, College Park’s Code of Academic Integrity and is strictly prohibited.

You must write your name, and section number at the top of each homework. The papers must be stapled or placed in a binder. Loose papers cannot be accepted. If you expect to miss a discussion session, you may give your homework to a classmate to turn in.

**NO LATE HOMEWORK WILL BE ACCEPTED.** However, the two lowest homework grades will be dropped.
MATLAB: There will be some MATLAB assignments, to be handed in discussion session. The assignments and their due dates will be posted on the course web site and announced in class.

You are encouraged to work in groups of two or three students (at most) registered in the **SAME SECTION**. Of course, you may also work alone. Each group will hand in just one copy of the assignment (it is understood that all people in the group will contribute significantly to the assignment). Your completed assignment should include a printout of relevant computer input and output, as well as any additional analysis of the problem that may be required.

For information on software, tutoring and locations see the Math. Dept. resources page [http://www.math.umd.edu/undergraduate/resources/](http://www.math.umd.edu/undergraduate/resources/)

**Grading Scheme:** Your final grade will be computed as follows:

- Midterms 50% (20% each – The lowest midterm grade will count for 10%)
- Final 30%
- Homework 10%
- Matlab 10%

**Make-up:** There will be **no make-up exams**. The weight of a missed exam will be shifted to the final in the following exceptional circumstances: (a) prior notice of a valid, documented absence (e.g. out-of-town athletic commitment) on the scheduled exam date; or (b) notification to the instructor within 48 hours of absence due to medical condition.

**Email:** When writing an email, you must include your course number, section and name in the message. Also, because I receive hundreds of emails, I may not have time to respond to some simple email questions whose answers can be found by other means (such as going to class or looking at the course web page). If you miss a class, you should get the notes from another student in the class. Of course, if you are missing class for an extended time (such as illness or other serious problem), you should contact me as soon as possible.

**Students with disabilities:** The University of Maryland provides upon request appropriate academic accommodations for qualified students with disabilities. Please see me immediately if you require such accommodation (do not wait until the day before the first exam).

**Policy on Scholastic Dishonesty:** You are expected to abide by the University’s policy on academic integrity. All cases of academic dishonesty will be referred to the Dean of Students Office.