

**Math 315, Numerical Analysis**  
Fall 2009

<b>Professor .....</b>	<b>Alessandro Veneziani</b>	Voice .....	727-7925
Office .....	N418 MSC	Email .....	ale@mathcs.emory.edu
Office hours ...	TuTh 11.00am-1:00pm or by appointment	URL .....	www.mathcs.emory.edu/ ale

Text book: *Introduction to Scientific Computing*  
Galdwell, Nagy, Ferguson (downloadable)  
Chapters: 1 through 7 (7.1-7.2)

Course Policies

**Computer Room:**

Computer Room activity is a relevant part of this Course. Lessons in CR will be held orientatively:

1. Sept. 1 (Introduction to Matlab), 8, 15, 22, 29
2. Oct. 22,29
3. Nov. 5,12,17
4. Dec. 1,8

**Grades:**

There will be two tests, a final exam, and homeworks. Homeworks and test will be based on Matlab (tests will be held in CR). The final grade will be determined as:

40% Tests    30% Final Exam    30% Homeworks

**Tests:**

There will be two tests on the following dates:

Thursday, October 8th    Thursday, November 24th

**Final Exam:**

The Final Exam is *cumulative*, and will be given on Tuesday, December 15, 8:30–11:00am.

**Homework:**

Homeworks will require to solve problems in Matlab. You are supposed to provide the code implemented and proper explanations (possibly written in LaTeX: if you do not know Latex I suggest to check [www.texmacs.org](http://www.texmacs.org)). Homeworks will be given at the end of Chapters 3,4,5,6 of the book.

**Make-up Tests:**

Make-up tests and quizzes will be given only in **extreme** cases. If you are going to miss a test, you must talk to me **before** the test with an excellent excuse if you want to have any chance of being allowed to take a make-up test. As a rule, make-up tests tend to be harder than the original test.

**Important dates:**

- *Sept 4 2009*: the drop/add/swap period ends
- *Oct 16 2009*: last day to withdraw without penalty

**Honor Code:**

All students are supposed to adhere the provisions of the Honor Code. For more informations see: [www.college.emory.edu/current/standards/honor\\_\\_code.html](http://www.college.emory.edu/current/standards/honor__code.html)