

## Numerical Linear Algebra

MA 660-1D, Spring 2004

Class meets Mondays, Wednesdays, Fridays 11:15am-12:05pm in Room 128 CB15

**Instructor:** Dr. Nikolai Chernov

**Office:** 492 A Campbell Hall, ph. 934-2154 or 934-8613

**Office hours:** Mondays and Fridays, 10-11am, and by appointment

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**Text:** L. Trefethen and D. Bau, III *Numerical Linear Algebra*, SIAM, 1997. Classnotes are available on the instructor's web page

[http : //www.math.uab.edu/chernov/teaching/teach.html](http://www.math.uab.edu/chernov/teaching/teach.html)

**Syllabus:** We will cover most of the textbook. See a detailed syllabus on the departmental web page

[http : //www.math.uab.edu/programs/syllabi/](http://www.math.uab.edu/programs/syllabi/)

### Grading policy:

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|---------------------------------------|------|
| Weekly homework assignments           | 20 % |
| Computer projects                     | 10 % |
| Midterm exam (February 27, tentative) | 30 % |
| Final exam (April 30, 10:45-1:15)     | 40 % |

**Assignments and tests:** Homework will be assigned weekly on Mondays, unless announced otherwise. HW will be due the next Monday after assignment. Computer projects are in MATLAB, and you can do them in the computer lab CB 112. Projects will be given from time to time, and will be due one week before the final exam.