Class Policy

Course: Math 4/847, Numerical Linear Algebra

Place/Time: AvH 12, 3:30-4:45 MWF, Fall 2006

Preq: CSCE/Math 340, Math 221 and 314 or equivalent, or permission.

Objectives: To help students achieve competence in the following areas:

- Understanding of basic theory of numerical linear algebra.

- Knowledge of the most common algorithms and their applicability.

- Stability and efficiency (complexity) of these algorithms.

- Implementation of and experiments with the algorithms (mainly via Matlab platform).

Instructor: Dr. Thomas Shores

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Office Hours: Monday 3:30-5:00, Tuesday 11:00-13:00, Thursday 12:00-13:30, Friday 8:30-10:30, and by appointment. Office: 229 AvH

Class Attendance: Is required. If absent, it is incumbent upon the student to determine what has been missed as soon as possible. It is advisable to consult with the instructor.

Homework/Projects: Homework will be assigned in class and collected according to the syllabus collection dates. All homework assigned one week or more before the collection date is due on that date. Most of the homework assignment problems will be graded in detail for homework points. It is strictly forbidden to copy someone else's homework, though some discussion with other students is allowed. For some of the more substantial exercises I will allow teams of two to turn in a single solution with clear attribution of partnership. The official programming language for this course is Matlab. Prior experience in Matlab is not required. Students will be given an account in the Mathematics Computer Lab for computer related exercises and can obtain written lab instructions in the lab itself. Current information about the course will be available on the web (via the 447 homepage or my home page). Using the web is strongly recommended for keeping track of due dates for homework collections and other current activities in the course.

Reading Assignment: Read the sections of the texts as, or before, they are covered in class lectures. This is a standing assignment throughout the semester.

Grade: A midterm will be given outside of class meeting time and will account for 150 points. The final exam will count 200 points. Exams may have a take home component. All in-class exams are closed book. Homework will count 150 points. The final grade will be based on these 500 points.

Final Exam: Will be comprehensive. To be given on Tuesday, December 12, 8:30 - 10:30 pm in AvH 12.

Grades of "I", "W" or "P": These grades will be given in strict accordance with University policy. (See any Schedule of Classes for the relevant information and dates.)

Keep This Information!!!