Instructor: Siva Athreya

Office: A 12.

Texts:

1. A. Ralston and P. Rabinowitz : *First Course in Numerical Analysis*

2. R.J.Schilling and S.L.Harries : *Applied numerical methods for engineers using MATLAB and C.*

3. G. Recktenwald : Numerical Methods with Matlab

E-Mail: My e-mail address is **athreya@isibang.ac.in**. Please send me an email[1], from an account that you use regularly, so that I can put you on the class list.

WWW-page: I shall maintain a course home-page, at the following address:
http://www.isibang.ac.in/~athreya/cs212. The page should serve as an archive of handouts and homework assignments.

Exams: There shall be two exams in the semester:
Midterm: Wednesday, February 22nd, 2012
Final Exam: Wednesday, May 2nd, 2012.

Homework and Worksheet: There will be regular homework assignments during the semester. Homework in general will not be collected. You are encouraged to work together on solving the problems but write up your own individual solutions. In many classes we shall solve a worksheet covering/implementing material learnt during that week. These will be due at the end of class.

Quiz: There will be a short test on Tuesdays in the class. The test will have one question and will be essentially based out of the previous week's homework.

Scoring: Midterm 1 is worth 25 % of the grade. Final exam is worth 50 % of the grade. The quizzes consists of 15 % of the grade. Worksheets will be worth 5%.

Ground Rules: No late home work will be accepted. No make up quizzes will be given. Please be in class on time.

Studying and Homework: The course requires at least one and a half hour of study for each hour of class time. Homework will be announced in class and posted on the web. It is imperative that you try,(and write up solutions for), the homework problems *before* their respective due dates. The problems that will be given are a small selection so please do try other problems for practice from the text. You are encouraged to work together on solving the problems. We shall try to discuss the homework during one of the classes.

Feedback: Please feel free to drop by my office, to clear up difficulties or to just discuss mathematics. I would appreciate feedback from you as the course progresses. If there are suggestions/clarifications that you have then feel free to ask me.

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[1]***Free Chocolates*:** You shall get one free chocolate, if you set-up an email account and send me email by Friday evening.