

TIME TABLE: 12362/20463 MWF 3:00–3:50 in E112 Lecture Center E from 08/22/2005 to 12/02/2005.

PREREQUISITES: grade C or higher in MCS 275 or EECS 170 or EECS 171; or consent of the instructor.

INSTRUCTOR: Jan Vershelde, Office: 728 SEO, Phone: 312 996 4609.

E-mail: jan@math.uic.edu. URL: <http://www.math.uic.edu/~jan>.

OFFICE HOURS: At 11AM on Monday, at noon on Wednesday, and at 1PM on Friday, I am sure to be in my office; but feel free to stop by if you have any math questions. We can also make an appointment.

TEXT BOOK: The text book for this course is ‘Applied Numerical Analysis’ by Curtis F. Gerald and Patrick O. Wheatley, seventh edition, Addison-Wesley, 2003. In addition, consult the lecture notes on <http://www.math.uic.edu/~hanson/mcs471/classnotes.html>.

GRAPHING CALCULATORS: (e.g., like TI-83 or TI-89) are needed on quizzes and exams.

MCS 471 SITE: See <http://www.math.uic.edu/~jan/mcs471/index.html> for policies, list of topics, project descriptions, etc... The home page for MCS 471 is at <http://www.math.uic.edu/~hanson/mcs471>.

HOMEWORK: Selected homework problems are assigned with each lecture, but it is recommended that you try all homework problems.

QUIZZES: There will be a quiz every Friday, except during exam weeks. Every quiz is worth 10 points. There will be no makeup quizzes. If you miss a quiz or if your performance is bad, you can turn in the assigned homework to regain some of the points lost.

PROJECTS: Five projects will be assigned during the semester, worth jointly a total of 200 points. The deadline for each project occurs at 3PM, before the lecture starts. Late submissions are accepted till 6PM the same day, but are penalized with 10 points off. Note that late correct projects may thus then still be worth more than incorrect but timely submitted projects.

ACADEMIC HONESTY: No student shall claim or submit the work of another as ones own. You may discuss homework and projects with others, but must finish it and write the solution yourself without looking at others’ work. Allowing someone to copy from you is also punishable. If academic honesty does not mean much to you, note that the May/June 2003 issue of the UIC alumni magazine listed Honesty/Integrity at the 2nd place in the “Top 20 Qualities/Skills Employers Seek”.

EXAMS: During the semester, there will be two exams worth 100 points each. There will be no makeup exams given. The final exam counts for 200 points. If an exam is missed, then greater weight will be placed on the final exam, especially on the material covered on the missing exam.

GRADING SCALE: 90 – 100% = A, 80 – 89% = B, 70 – 79% = C, 60 – 69% = D, 0 – 59% = E.

Your course grade is based on a total of 700 points: 100 from the quizzes, 200 from the projects, 200 from the exams during the semester, and 200 from the final exam.

CLASS ATTENDANCE: Students are expected to attend all class meetings. While the lectures cover the same materials in the text book, usually other examples will be presented and discussed. We will also address the topics you need to implement the projects.

STUDENTS WITH DISABILITIES who require accommodations for access and participation in this course must be registered with the Office of Disability Services (ODS). Please contact ODS at 312/413-2183 (voice) or 312/413-0123 (TTY).

SOME IMPORTANT DATES:

Friday 2 September : last day to add or drop the class.

Monday 5 September : Labor Day Holiday, no class.

Friday 30 September : last day to withdraw with college permission.

24–25 November : Thanksgiving Holiday.

Wednesday 7 December, 1:00–3:00PM : Final exam.