

**TIME TABLE:** 24851 MWF 11:00 – 11:50 in computer lab SEL 2263.

**COMPUTER LAB POLICIES:** All students must adhere to the Acceptable Use Policy available at [accc.uic.edu/policy/acceptable-use-policy](http://accc.uic.edu/policy/acceptable-use-policy), for instance: no eating and no drinking.

**PREREQUISITES:** Grade of C or better in MATH 210; and MCS 260 or CS 102 or CS 108.

**INSTRUCTOR:** Jan Verschelde, Office: 1210 SEO, Phone: 312 996 4609.

Email: [jan@math.uic.edu](mailto:jan@math.uic.edu). URL: <http://www.math.uic.edu/~jan>.

**OFFICE HOURS:** From 3:30 to 4:30PM on Monday, Wednesday, and Friday, I am sure to be in my office; but feel free to stop by if you have any questions. We can also make an appointment.

**NO TEXT BOOK:** There is no textbook for this course. Notes will be made available electronically via the course web site. A good reference is ‘*Sage for Undergraduates*’ by Gregory V. Bard, AMS 2015 (ISBN 978-1-4704-1111-4); and available at [www.gregorybard.com/SAGE.html](http://www.gregorybard.com/SAGE.html).

**Sage** is free and open source software, available at [www.sagemath.org](http://www.sagemath.org). We use version 6.10.

**MCS 320 SITE:** See [www.math.uic.edu/~jan/mcs320.html](http://www.math.uic.edu/~jan/mcs320.html) for notes, project descriptions, etc.

**HOMEWORK:** Exercises are assigned with each lecture. Although only a selection of the homework can be collected to make up for quizzes, it is strongly recommended to try all assignments.

**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:** Three projects will be assigned during the semester, worth jointly a total of 200 points. The deadline for each project occurs at 11AM, before the lecture starts. Late submissions are accepted till 5PM 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. When working in teams, you must contribute your fair share.

**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.

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

**CLASS ATTENDANCE:** Students are expected to attend all class meetings. Any changes in this syllabus or in the scheduling of exams and other assignments will be announced during class meetings. We will also address the topics you need to implement the projects.

**SOME IMPORTANT DATES:**

Monday 11 January : first day of classes, last day to withdraw and receive 100% refund  
Monday 19 January : Martin Luther King, Jr., Day. No classes.  
Friday 22 January : last day to register, last day to withdraw without W grade  
Friday 18 March : last day for optional late drop  
Monday 21 – Friday 25 March : Spring Vacation. No classes.  
Thursday 5 May : 10:30AM - 12:30AM, final exam, room to be announced.