

## CS 401 / MCS 401 Course Information – Spring 2008

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|-------------------------------------|--|---|--|
| <b>Topic:</b>                       | Computer Algorithms I  |   |  |
| <b>Room:</b>                        | Douglass Hall, Room 210  |   |  |
| <b>Time:</b>                        | M W F at 11:00–11:50, Jan 14–May 2 (except Jan 21 and Mar 24–28) .<br>Final Exam Thurs, May 8, 8:00–10:00.   |   |  |
| <b>Call numbers:</b>                | 17454 (CS 401, undergrads)<br>20665 (CS 401, grads)  | 16607 (MCS 401, undergrads)<br>20666 (MCS 401, grads)             |  |
| <b>Credit hours:</b>                | 3 (undergraduate), 4 (graduate)  |   |  |
| <b>Instructor:</b>                  | Jeffrey S. Leon  |   |  |
| <b>Office:</b>                      | 535 SEO.   |   |  |
| <b>Office hours:</b>                | M 2:00–2:50, W 9:00–9:50, F 1:05–1:50, 535 SEO.  |   |  |
| <b>Instructor's phone / e-mail:</b> | (312) 996-3054 (office), (847) 224-2833 (cell)<br><a href="mailto:jleon@uic.edu">jleon@uic.edu</a>   |   |  |
| <b>Teaching Assistant / Grader</b>  | to be announced.   |   |  |
| <b>Home page for course:</b>        | The CS/MCS 401 home page is at<br><a href="http://www.math.uic.edu/~leon/cs-mcs401-s08">http://www.math.uic.edu/~leon/cs-mcs401-s08</a> . Most information on the web site requires the Adobe Acrobat Reader.  |   |  |
| <b>Prerequisites:</b>               | Grade of C or better in MCS 360; or grade of C or better in CS 202.  |   |  |
| <b>Textbook:</b>                    | Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein, <i>Introduction to Algorithms, Second Edition</i> , The MIT Press, Cambridge, MA, 2001.  |   |  |
| <b>Grading policy:</b>              | Homework:<br>Quizzes:<br>Midterm exam:<br>Final exam:  | 5–10% (approx)<br>30% (approx)<br>20–25% (approx)<br>40% (approx) | Some consideration will be given to undergraduate / graduate status. |
| <b>Calculators:</b>                 | Calculators may be used on homework, but use of calculators will <b>NOT</b> be allowed on quizzes and exams. Quiz and exam problems will be designed so that a calculator is not needed.   |   |  |
| <b>Midterm exam:</b>                | Fri, Mar 14, 11:00–11:50, regular room unless announced otherwise. This date is tentative and can be changed   |   |  |
| <b>Final exam:</b>                  | Thu, May 8, 8:00–10:00, room to be announced. The date for this exam is set by the University cannot be changed.   |   |  |
| <b>Quizzes:</b>                     | Three short (15-20 min) quizzes will be given. Tentative dates are (1) Wed, Feb 13, (2) Fri, Feb 29, and (3) Fri, Apr 18. Quizzes will typically have two short problems and should be reasonably easy for students who have kept up with the course material.                       |   |  |
| <b>Homework exercises:</b>          | A number of homework exercise sets will be assigned. Unless announced otherwise, solutions should be written up neatly (no need to type them) and submitted on the due date. Some of the exercises will be graded, and solutions for most will be posted on the CS/MCS 401 web site. |   |  |