General Course Meetings:  Tuesdays and Thursdays, 9:30-10:45, LGRC A-203
Laboratory Sessions:  Wednesdays, 1:25-2:15, LGRC A-203
Special Honors Section Discussion Meetings:  Tuesdays, 4-5, LGRC A-310

Prerequisite:  CMPSCI 287

Professor:  Leon J. Osterweil (ljo@cs.umass.edu),
       Office:  Computer Science 302
       Telephone:  5-2186
       Office Hours:  11-12, T, Th and by appointment

Required Textbook:
       Frederick P. Brooks, Jr., The Design of Design, Addison-Wesley 2010.

OPTIONAL Textbooks:
       P. Jalote, An Integrated Approach to Software Engineering, Springer


Course Objectives:
This course is designed to challenge CS 320 students to read and think more deeply about the challenges and issues in developing large-scale software, especially software that will have important responsibilities.  The course will emphasize discussions that will be led by Prof. Osterweil.  The subjects of these discussions will be suggested by the activities in CS 320, but will also be supplemented by those suggested by various readings that may be assigned by Prof. Osterweil.

Term Project:
A term paper will be required.  The subject of the paper will be discussed and agreed upon in the early weeks of the course.  The paper will be due at the end of the semester, but prior to Final Examinations week.
IMPORTANT:
The work submitted for grading must be your own work or, in the case of the term project, the work of your team as part of a joint effort. Submission of work that is not your own or your team's is considered academic dishonesty. Computer Science department policy specifies that the penalty for academic dishonesty is 1) a final course grade of `F', and 2) possible referral to the Academic Dishonesty Committee.

An incomplete will usually be given only when documented, exceptional circumstances beyond your control have made it impossible to complete the assigned work before the end of the semester. It is your responsibility to contact the professor regarding any such problems as those circumstances develop. Note that the general rules of the University allow an incomplete only if most of the work has been completed before the end of the semester so that the incomplete can be finished within the first four weeks of the immediately following semester.

Professor Osterweil will be available immediately after class and during posted office hours. If you cannot arrange for a meeting during those hours, please make an appointment via e-mail.