

CS 200
A Short Course on Software Engineering
Spring 2015

Text: **Software Engineering** by Ian Sommerville.

Objectives: Students will learn just what the field of Software Engineering is and will examine the most pressing current challenges software engineers face.

Methods: Students will read assigned sections in the text and will present and lead discussion on the material they have read. For each section assigned, each student will be responsible for leading the discussion on one particular topic in that section. Students will prepare designs to assigned problems, respecting the guidelines they learn about putting together large software projects. Students who want to add an additional credit hour by participating in an application of what they learn to a particular problem

Grading: Students will be required to present their designs both in written and oral reports, prepared according to guidelines provided by current SE research. Short quizzes may be given at any time. 50% will be for the class presentations and 50% for the design(s).

Tentative Schedule

January 20	What is Software Engineering?	Part 1
January 27	Requirements	Part 2
February 3		
February 10	Design	Part 3
February 17		
February 24		
March 3	Development	Part 4
March 10		
March 17	Spring Break	
March 24	Verification & Validation	Part 5
March 31		
April 7	Management	Part 6
April 14		
April 21	Emerging Technologies	Part 7
April 28		

<http://www.acm.org/about/code-of-ethics>

<http://www.acm.org/about/se-code>

Disability statement

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately as soon as possible to discuss his/her specific needs. I rely on the Office of Academic Support & Enrichment center in 104 Doane to verify the need for reasonable accommodations based on documentation on file in their office.

Academic integrity

The students and faculty of Denison University and the Department of Communication are committed to academic integrity and will not tolerate any violation of this principle. Academic honesty, the cornerstone of teaching and learning, lays the foundation for lifelong integrity.

Academic dishonesty is, in most cases, intellectual theft. It includes, but is not limited to, providing or receiving assistance in a manner not authorized by the instructor in the creation of work to be submitted for evaluation. This standard applies to all work ranging from daily homework assignments to major exams. Students must clearly cite any sources consulted – not only quoted phrases but also for ideas and information that are not common knowledge. Neither ignorance nor carelessness is an acceptable defense in cases of plagiarism. It is the student's responsibility to follow the appropriate format for citations.

As is indicated in Denison's Student handbook, available through mydenison.edu, instructors must refer every act of academic dishonesty to the Associate Provost, and violations may result in failure in the course, suspension, or expulsion. (For further information, see <http://www.denison.edu/student-affairs/handbook/article7.html>.)