

CS 410-01 Software Engineering

Spring 2007 Schedule (as of 1/25/07)

The following details the chronology of topics and student assignments for this semester. The instructor reserves the right to modify the schedule, but will give sufficient advanced notice.

Date	Topic/Assignment Due
01/18	<ul style="list-style-type: none"> ▪ Lecture 1: Software Engineering Introduction
01/25	<ul style="list-style-type: none"> ▪ Reading Due Today: “They Write the Right Stuff” by Charles Fishman http://www.fastcompany.com/online/06/writestuff.html ▪ Lecture 2: The Software Engineering Process & Lifecycle Models
02/01	<ul style="list-style-type: none"> ▪ Reading Due Today: “Managing the Development of Large Software Systems” by Dr. Winston W. Royce http://www.cs.umd.edu/class/spring2003/cmsc838p/Process/waterfall.pdf ▪ Lecture 3: Software Requirements
02/08	<ul style="list-style-type: none"> ▪ Reading Due Today: “A Spiral Model of Software Development” by Barry Boehm http://www.sce.carleton.ca/faculty/ajila/4106-5006/Spiral%20Model%20Boehm.pdf ▪ Lecture 4: Software Requirements Engineering
02/15	<ul style="list-style-type: none"> ▪ Lecture 5: Software Project Management
02/22	<ul style="list-style-type: none"> ▪ BOOK REPORT DUE TODAY ▪ Lecture 6: Software People Management and Education Planning ▪ Review
03/01	<ul style="list-style-type: none"> ▪ MID-TERM EXAM
03/08	<ul style="list-style-type: none"> ▪ NO CLASS – SPRING BREAK
03/15	<ul style="list-style-type: none"> ▪ Lecture 7: Software Quality Assurance
03/22	<ul style="list-style-type: none"> ▪ Reading Due Today: “As We May Think” by Vannevar Bush http://www.ps.uni-sb.de/~duchier/pub/vbush/vbush-all.shtml ▪ Lecture 8: Software Configuration Management
03/29	<ul style="list-style-type: none"> ▪ Lecture 9: Software Design Overview
04/05	<ul style="list-style-type: none"> ▪ Reading Due Today: “On the Criteria To Be Used in Decomposing Systems...” by David Parnas http://www.acm.org/classics/may96/ ▪ Lecture 10: Software Design: User Interface Design
04/12	<ul style="list-style-type: none"> ▪ Reading Due Today: “Man-Computer Symbiosis” by J.C.R. Licklider http://www.memex.org/licklider.pdf ▪ Lecture 11: Software Testing
04/19	<ul style="list-style-type: none"> ▪ Lecture 12: Software Release, Maintenance & Reengineering
04/26	<ul style="list-style-type: none"> ▪ RESEARCH PAPER DUE TODAY ▪ Reading Due Today: “A unified theory of software evolution: by Sam Williams http://www.salon.com/tech/feature/2002/04/08/lehman/ ▪ Lecture 13: Software Process Improvement ▪ Review
05/03	<ul style="list-style-type: none"> ▪ FINAL EXAM