

Department of Computer Science and Engineering
College of Engineering, University of Nevada, Reno

CS 425 Software Engineering

Study Required for the Final Exam

November 18, 2009

The final exam will be a comprehensive, 105-minutes (1 hour and 45 minutes) closed-book exam (no supporting material is allowed). It will take place on Monday, December 14, 2009, from 12:00 pm (noon), in WRB-2008. The exam's weight is 28% of the course grade.

For this final exam, you are required to study the textbook, the presentations, the class notes, and your homework (assignments, project), all related to the following chapters of the textbook [SE-8]:

Chapter 1	Introduction
Chapter 4	Software processes
Chapter 5	Project management
Chapter 6	Software requirements
Chapter 8	System models
Chapter 11	Architectural design
Chapter 16	User interface design
Chapter 17	Rapid software development
Chapter 21	Software evolution
Chapter 23	Software testing
Chapter 25	Managing people

From the above, the following sections or sub-sections are not required:

Section 4.4	The Rational Unified Process
Section 4.5	Computer aided software engineering
Section 6.5	The software requirements document
Section 8.5	Structured methods
Subsection 11.2.3	The layered model
Section 11.5	Reference architectures
Subsection 16.1.2	Information presentation
Section 16.3	User analysis
Section 17.4	Software prototyping
Section 21.1	Program evolution dynamics
Subsection 21.2.1	Maintenance prediction
Section 22.4	Verification and formal methods
Subsection 23.2.1	Interface testing (p. 549-551)
Section 23.4	Test automation
Section 25.4	The People Capability Maturity Model