

CS4704 Software Engineering

Fall, 2004

Text

Mythical Man Month, Fred Brooks, Addison Wesley (required)
Other optional texts

Prerequisite

CS3204 (this implies that CS2704 and CS2604) and CS3704

Topics:

Project Management
Programming environment
Testing Methodologies (Art of Software Testing by Myers)
Walkthroughs
Quality assurance
Software Process Assessment
Software Metrics

Grading:

Exam	30%
Lab	10%
Project	60% *

Project Breakdown:

Design (average) Presentation	5%
Programming (average)	40%
Walkthroughs	15%
Demo (and Design)	40%

This will be **completely** explained on the first day of class.

Grading Scale:

90-100%	A
80-89	B
70-79	C
60-69	D

This class is designed around the project. During the project, you will gain experience in management, designing, working in teams and programming from your peers' specifications. Team work is one experience that all employers seem to be requesting and this project attempts to allow you the experience of seeing all aspects of the project.