

Computer Engineering 285

Software Engineering

Summer 2004
Tuesdays and Thursdays
7:10 – 10:00 am
ENGR 304

Instructor

Instructor: Darren Atkinson
Office: ENGR 245
Office hours: Tuesdays and Thursdays, 10:00 – 11:00 am
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Textbook

S. L. Pfleeger, *Software Engineering: Theory and Practice*, 2nd edition.

Grading

Paper reviews:	15%	(6/22, 6/29, 7/6, 7/20, 7/27)
Midterm exam:	25%	(7/8)
Project documentation:	15%	(7/13, 7/29)
Project presentation:	10%	(7/29)
Final exam:	35%	(8/3)

All deadlines are firm and no credit will be awarded for a late assignment or missed exam.

Project

There will be a team project focusing on the specification and design of a software system. Your task will be to elicit requirements from the customer, formalize them as a specification, and create a high-quality design that meets the specification. You will deliver a document detailing your specification and design and present your design to the customer and class.

Overview

- Requirements
- Design and Architecture
- Testing
- Maintenance
- Process Models
- Metrics and Quality