

Chaminade University
Autumn, 2001
CIS 320
Systems Analysis and Design

Text: **Software** engineering (Second Edition)
Shari Lawrence Pfleeger
Prentice-Hall, 2001
ISBN: 0-13-029049-1

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Grading:	5 in class quizzes @ 5%	25%
	Term Project	75%

The Course

The class will meet once each week. Each week one chapter of the text will be discussed. The chapter must have been read beforehand. There will be five unannounced quizzes on the assigned material.

Term Project

Near the end of each chapter of the textbook there is a section marked "Term Project." As a class we will execute this project. Each week one person (indicated below) is responsible for reporting on a particular aspect. Some of these reports are very long (Cf. Chapter 10). The person listed is the organizer for that week. The work is to be done by all. See the Term Schedule below. Look ahead and plan.

Course Objectives:

Cognitive

- To understand the Life Cycle view of a software project;
- To understand how project requirements are captured and the system designed;
- To understand how code is designed, written and tested;
- To understand how a system is tested and the various kinds of testing;
- To understand the issues involved in system delivery and maintenance;
- To understand how products, processes, and resources are evaluated and improved.

Skills

Participation in a term-long systems development project.

Term Schedule:

Week	Chapter	Term Project	Responsible
August 27	1	••. 40 -	
September 3	2	•ג. 73 -	arles
September 10	3	•ג. 131	
September 17	4	•ג. 188	nd
September 24	5	•ג. 254	
October 1	6	•ג. 305	arles
October 8	7	•ג. 329	
October 15	8	•ג. 379	nd
October 22	9	•ג. 443	
October 29	10	•ג. 462	arles
November 5	11	•ג. SOS - S06	Jor
November 12	12	•ג. 560	Mand
November 26	13	•ג. 591	Am and Charles
December 3	14	•ג. 617	Jor and Mand