

Computer Science 540
(CS 8954001)

Spring 1991

Software Systems

Instructor

Craig A. Rich
Office: Bldg. 8, Room 40
Office Hours: Tue,Thu 10–11:30; Wed,Fri 10–11
Phone: (714)869-3447

Lecture Meetings

Time: Mon,Wed 4:00–5:50
Place: Bldg. 5, Room 139

Textbook

Rich, Craig A. “Software Systems—CS 540 Lecture Notes,” Spring 1991 (Available at Cal Poly Kinko’s).

Aho, Alfred V.; Sethi, Ravi; and Ullman, Jeffrey D. “Compilers—Principles, Techniques, and Tools,” Addison-Wesley, Reading, Mass., 1986.

Course Grading

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| Exams | 70% |
| Midterm (Wed April 24) | 35% |
| Final (Mon June 3, 3:50–5:50) | 35% |
| Homework and Quizzes | 30% |

The course will cover most of the topics in chapters 8–10 of the textbook. A comprehensive set of lecture notes are available at Cal Poly Kinko’s, and cover data flow analysis theory and techniques as they apply to compiler optimization, software metrics, and software systems in general.