

Computer Science 540  
(CS 8954001)  
  
Spring 1990  
  
**Software Systems**

*Instructor*

Craig A. Rich  
Office: Bldg. 8, Room 40  
Office Hours: Tue,Wed,Thu 1–2; Fri 12–2  
Phone: (714)869-3447

*Lecture Meetings*

Time: Tue,Thu 10:00–11:50  
Place: Bldg. 5, Room 139

*Textbook*

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

*Course Grading*

Exams . . . . .	70%
Midterm (Tue May 1) . . . . .	35%
Final (Thu June 7, 9:10–11:10 a.m.) . . . . .	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 will be distributed, and will cover data flow analysis theory and techniques as they apply to compiler optimization, software metrics, and software systems in general.