

Computer Science 531
Section 1
(Class Nbr 12413)

Winter 2005

Computability and Complexity Theory

Instructor

Craig A. Rich
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Office Hours: Mon, Wed, Fri 10:30–11:30; Tue, Thu 3:00–4:00
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Lecture Meetings

Time: Tue, Thu 4:00–5:50
Place: Bldg. 9, Room 239

Textbook

Rich, Craig A. *Computability and Complexity Theory—CS 531 Lecture Notes*, Winter 2005 (Available at Bronco Copy 'n Mail in the University Union).

Garey, Michael R.; and Johnson, David S. *Computers and Intractability—A Guide to the Theory of NP-Completeness*, ISBN 0-7167-1045-5, W.H. Freeman and Co., 1979 (Available at Cal Poly Bronco Bookstore or CTTi Books).

Web-based Materials

my home page: <http://www.csupomona.edu/~carich/>
CS 531 home page: <http://www.csupomona.edu/~carich/classes/cs531/>

Grading

Exams	70%
Midterm (Tuesday, February 8)	35%
Final (Tuesday, March 15, 3:50 p.m.–5:50 p.m.)	35%
Homework and Quizzes	30%

A student's weighted average percentage is $(\sum w_i(s_i/m_i))/(\sum w_i)$, where w_i , s_i , m_i are the weight, student's score and maximum score on graded assignment i . Course grades are assigned according to this curve, with the median student usually earning a C+ grade. Graded assignments will be accepted without penalty at any time on or before their due date. Graded assignments that are submitted after their due date will have their score reduced by $10(n+1)\%$, where n is the number of school days properly between the due date and the date submitted.

The course will cover most of the topics in chapters 1–4 and 7 of the textbook.