CSE 521: Design and Analysis of Algorithms I
Spring 1997
Course Information

Instructor:

Martin Tompa
tompa@cs.washington.edu
Sieg 426B
543-9263

Teaching Assistant:

Nitin Sharma
nitin@cs.washington.edu
543-7798

References (only the first is required):

1. Thomas H. Cormen, Charles E. Leiserson, and Ronald L. Rivest
   Introduction to Algorithms
   MIT Press and McGraw-Hill, 1990
   (course text)

2. Alfred V. Aho, John E. Hopcroft, and Jeffrey D. Ullman
   The Design and Analysis of Computer Algorithms
   Addison-Wesley, 1974

3. Ellis Horowitz and Sartaj Sahni
   Fundamentals of Computer Algorithms
   Computer Science Press, 1978

4. Donald E. Knuth
   The Art of Computer Programming
   Addison-Wesley, 1968, 1969, 1973, ...

5. John D. Lipson
   Elements of Algebra and Algebraic Computing
   Addison-Wesley, 1981

6. Robert E. Tarjan
   Data Structures and Network Algorithms
   Society for Industrial and Applied Mathematics, 1983.

Reading assignment: In Cormen, Leiserson, and Rivest, read Chapters 1 – 5. You may skip Section 4.4 if you like, but the rest is invaluable background.

Grading: The course grade will be based on assignments, a final exam, and class participation. The final exam is scheduled for 8:30-10:20 a.m. on Monday, June 9 (although it's tempting to make it shorter and start later).

Mailing List: The class mailing list is `cse521@cs.washington.edu`. We will use the list for announcements of general interest to the class. You should also feel free to use it to ask questions, post information, or initiate discussions of general interest to the class. There is no need for you to send an initial "subscribe" request: everyone registered in the course is automatically on the initial mailing list.

Course Web: All handouts and a log of all mail sent to the class mailing list will also be available on the course web at the URL `http://www.cs.washington.edu/education/courses/521`.