

Instructor: Peter M. Maurer

Office: ENB 314

Office Hours: MTW 2:00 - 3:00 PM

Phone: 974-4758

Text: Cormen,Leiserson, Rivest, Introduction to Algorithms

Class Meetings & Tentative Schedule:

Date	Topic
1. Aug. 29	Introduction
2. Aug. 31	Mathematical Preliminaries
3. Sept. 5	Mathematical Preliminaries
4. Sept. 7	Mathematical Preliminaries
5. Sept. 12	Recurrence Relations
6. Sept. 14	Recurrence Relations
7. Sept. 19	Sorting
8. Sept. 21	Sorting
9. Sept. 26	Review
10. Sept. 28	EXAM #1
11. Oct. 3	Sorting
12. Oct. 5	Graph Algorithms
13. Oct. 10	Graph Algorithms
14. Oct. 12	Graph Algorithms
15. Oct. 17	Graph Algorithms
16. Oct. 19	Searching
17. Oct. 24	Searching
18. Oct. 26	String Matching
19. Oct. 31	String Matching
20. Nov. 2	review
21. Nov. 7	EXAM #2
22. Nov. 9	Polynomials and Matrices
23. Nov. 14	Polynomials and Matrices
24. Nov. 16	Polynomials and Matrices
25. Nov. 21	Polynomials and Matrices
26. Nov. 28	NP-Completeness
27. Nov. 30	NP-Completeness
28. Dec. 5	Review
29. Dec. 5	EXAM 3

There will be three equally weighted exams, given on the dates indicated. These three exams will constitute 1/3 of your final grade. I have an open-door policy with respect to office hours. You may come to my office at any time. I habitually keep my office door closed and locked. Don't be afraid to knock.