I normally maintain an open door policy with respect to office visits. You are welcome to come by at any time. The door will be closed -- knock and it will be opened.

**TA:** TBA

**Texts:** Cormen, Leiserson, Rivest, Stein, *Introduction to Algorithms*, Second Edition


**Prerequisites:** This course requires graduate standing, or my permission for enrollment. If you are not a Computer Science/Engineering graduate student who has been formally accepted by the department of Computer Science and Engineering, then you must get my permission PERSONALLY to take this course.

There will be 3 exams. The first two exams will count 25% of your grade. The third exam will be comprehensive and will count 40% of your grade. Homework will be assigned every day (if I remember). It will be graded and will count 10% of your grade. No programming exercises will be assigned.

1. Aug 28 Mathematical Foundations
2. Aug 30 Mathematical Foundations
4. Sept 6 Mathematical Foundations
5. Sept 11 Mathematical Foundations
6. Sept 13 Sorting
7. Sept 18 Sorting
8. Sept 20 Sorting
9. Sept 25 Sorting
10. Sept 27 EXAM
11. Oct 2 Graph Algorithms
12. Oct 4 Graph Algorithms
13. Oct 9 Graph Algorithms
14. Oct 11 Graph Algorithms
15. Oct 16 Graph Algorithms
16. Oct 18 Graph Algorithms
17. Oct 23 NP-Completeness
18. Oct 25 NP-Completeness
19. Oct 30 NP-Completeness
20. Nov 1 EXAM
21. Nov 6 NP-Completeness
22. Nov 8 NP-Completeness
23. Nov 13 NP-Completeness
24. Nov 15 NP-Completeness
25. Nov 20 NP-Completeness
26. Nov 27 NP-Completeness
27. Nov 29 Parallel Algorithms
28. Dec 4 Parallel Algorithms
29. Dec 6 Parallel Algorithms

**FINAL:** Tuesday Dec 11, 10:30AM.