

# CSC 70010 – Analysis of Algorithms

Amotz Bar-Noy

Fall 2009, Thursdays 11:00am–1:00pm

## Tentative Schedule:

1. 09/03/2009 Introduction and Mathematical Background
2. 09/10/2009 Examples
3. 09/17/2009 Order Statistics
4. 09/24/2009 Sorting
5. 10/01/2009 Sorting
6. 10/08/2009 Sorting Networks
7. 10/15/2009 **Midterm Exam**
8. 10/22/2009 Divide and Conquer
9. 10/29/2009 Greedy Algorithms
10. 11/05/2009 Dynamic Programming
11. 11/12/2009 Graphs
12. 11/19/2009 Graph Traversals
13. 12/03/2009 Minimum Spanning Trees
14. 12/10/2009 NP-Completeness
15. 12/17/2009 **Final Exam**