COS 423 Approximate Schedule Handout #**1**
Spring, 2000
Tarjan

Date	**Topic**	**CLR Chapters**
Tues 2/1	Introduction	1–6, 11
Thurs 2/3	Amortized Analysis	18
Tues 2/8	Disjoint Set Union	22
Thurs 2/10	Analysis of Disjoint Set Union	22
Tues 2/15	Balanced Search Trees (Buchsbaum)	13,14,19
Thurs 2/17	Self-Adjusting Search Trees	
Tues 2/22	Hashing (Wayne)	12
Thurs 2/24	Sorting and Selection (Wayne)	8, 9, 10
Tues 2/29	Heaps	7, 20, 21
Thurs 3/2	Nearest Neighbor Search (Yianilos)	
Tues 3/7	Greedy Method	17
Thurs 3/9	Dynamic Programming	16
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Tues 3/21	Minimum Spanning Trees	24
Thurs 3/23	Shortest Paths	25, 26
Tues 3/28	Graph Algorithms (Buchsbaum)	23
Thurs 3/30	Matchings	27
Tues 4/4	Network Flows	27
Tues 4/6	Intermemory (Yianilos)	
Thurs 4/11	NP-Completeness	36
Tues 4/13	Problem Reductions	36
Tues 4/18	Coping with NP-Completeness	37
Thurs 4/20	Experimental Data Compression (Buchsbaum)	
Tues 4/24	Topics	
Thurs 4/26	Topics	