Week	Dates	Topics	Regular RC	Homework	Projects
1	9.12	Course Introduction			
	9.14	Asymptotic Algorithm Analysis			
2	9.19	Asymptotic Algorithm Analysis			
	9.21	Comparison Sort			
	9.22	Comparison Sort		Homework 1	
3	9.26	Non-comparison Sort	RC1		
	9.28	Linear Time Selection			Project 1
4	10.3	No class			
	10.5	No class			
	10.6	No class			
5	10.1	Hashing Basics			
	10.12	Hashing Collision Resolution			
6	10.17	Hash Table Size, Rehashing, and	RC2	Homework 2	
		Applications of Hashing			
	10.19	Trees			Project 2
	10.2	Binary Tree Traversal			
7	10.24	Priority Queues and Heaps		Homework 3	
	10.26	Fibonacci Heap			
8	10.31	Binary Search Tree			
	11.2	Average-Case Time Complexity and Additional Operations of BST			
	11.3	Midterm Review			
9	11.7	Midterm		Homework 4	
	11.9	K-d Trees			
10	11.14	Tries	RC3		Project 3
	11.16	AVL Trees			
	11.17	Red-black Trees			
11	11.21	Graphs		Homework 5	
	11.23	Graph Search and Topological Sorting			
12	11.28	Minimum Spanning Tree	RC4		Project 4
	11.3	Shortest Path			
	12.1	Dynamic Programming			
13	12.5	Dynamic Programming		Homework 6	
	12.7	Final Review			
14	TBD	Final			