

Week # Topics

1	Course Orientation; Review of Java; Java tools
2	Basic sorts; introduction or review of intuitive Big Oh
3	Linear structures; queue, stack, double-ended queue
4	Expression tree; postfix, infix tree traversal
5	Synch (Hourly #1)
6	Recursion
7	
8	Hashing
9	Trees
10	Trees and Priority Queue
11	Synch (Hourly #2)
12	Sorts
13	Big Oh
14	Gallimaufrey: skiplist, bloom filter, trie, dynamic programming

Reading

GTG: chpt 1, 2
GTG: 3.1 - 3.4, 6.1, 6.2, 6.3
GTG page 318
GTG: chpt 5
GTG: 10.2
GTG: 11.1, 11.2
GTG:
GTG: 12.1, 12.2
GTG 4.2, 4.3