Week	Content (tentative plan, color of INF102 is green)
34.L1	Queues and Stacks
34.L2	Resizing Arrays and Linked Lists
35.L1	Analysis of Algorithms
35.L2	Union-Find
35.W	Exc. from 1.3: 3, 4, 5, 12, 13; from 1.4: 5, 6, 8
36.L1	Elementary Sorts
36.L2	Mergesort
36.W	Exc. from 1.4: 12, 14, 24; from 1.5: 8, 9, 12, 14
37.L1	Quicksort
37.L2	Priority Queues
37.W	Exc. from 2.1: 8, 10, 14, 15, 25; from 2.2: 4, 8, 21, 28
38.Ho1	Hand out first compulsory assignment
38.L1	Applications of Sorting
38.L2	Symbol Tables
38.W	Exc. from 2.3: 2, 4, 6, 15, 25; from 2.4: 4, 7, 8
39.L1	Binary Search Trees
39.L2	No lecture
39.Dl1	Deadline first assignment
40.L1	Balanced Binary Search Trees I (2-3 search trees)
40.L2	Balanced Binary Search Trees II (red-black search trees)
40.W	Exc. from 2.4: 18, 29; from 2.5: 1; 3.1: 13, 14, 31
41.Ho2	Hand out second compulsory assignment
41.L1	Hash Tables
41.L2	Applications of Searching
41.W	Exc. from 3.2: 1, 4, 6, 13, 18, 24, 27; from 3.3: 1, 2
42.L1	No lecture
42.L2	Summary Chapters 1, 2, 3
42Dl2	Deadline second assignment
43.L1	Undirected Graphs, Representation and Depth-first search
43.L2	Breadth-first search, Connected components and Degrees of separation
43.W	Exc. from 3.3: 4, 9; from 3.4: 1, 12, 13, 23, 31, 38
44.L1	Directed Graphs, Depth first search and Topological Sort
44.L2	Prim's Algorithm
44.W	Exc. from 4.1: 1, 2, 9, 10, 12, 16, 33, 38; from 4.2: 4, 7
45.Ho3	Hand out third compulsory assignment
45.L1	Kruskal's Algorithm
45.L2	Weighted Graphs and Dijkstra, Bellman-Ford
45.W	Exc. from 4.2: 10, 27, 28, 32, 39, 42; from 4.3: 1, 3, 4, 6
46.L1	Summary Chapter 4
46.L2	No lecture
46.Dl3	Deadline third assignment
47.Li	Repetition and Old Exams
47.W	Exc. from 4.3: 8, 12, 19, 39; from 4.4: 1, 8, 15, 16, 24, 25
48	Q&A, Exam Friday 2 December