Lecture and tutorial schedule
for a 16 week course with 3 contact hours/week

First 8 weeks of class (before midterm)

Week	Lecture	Tutorial	Contents
1	1		Introduction + 11. FSA
	2		11. FSA
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2	3		11. FSA
	4		1.2 Variables
		1	11. FSA
3	5		1.3 Pointers (a)
	6		1.3-1.4 Pointers (b)
		2	0 Basic ANSI-C program & 1.1 variables
Project Form P1 Due			
4	7		2.1 Arrays
	8		2.2 Records (a)
		3	1.3-1.4 Pointers
5	9		2.2 Records (b) & 2.3 Arrays of Records
	10		3.1- 3.3 Linked Lists
		4	2 Arrays & Simple Records
Project Form P2 Due			
6	11		3.4 Stacks
	12		3.5 Queues
		5	3. Linked Lists
...Midterm covers material up to here...			
7	13		6.1 Direct Recursion
	14		6.2 Mutual Recursion
	15		6.3 Backtracking
8	16		6.4 Lookahead (a)
	17		6.4 Lookahead (b) + 7.1 Language + 7.2 Quality
		6	6. Recursion
Midterm : Covers 11,12,1,2,3			

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Last 8 weeks of class (after midterm)

9	18		7.3 Time Complexity
	19		7.4 Big-Oh & 7.5 Error Propagation
		7	Discussion of Midterm results
10	20		4.1 to 4.3 General Tree Concepts
	21		4.4.1 Binary Tree Implementation: Linked Lists
		8	7. Time complexity & Big-Oh
Completed Project Due			
11	22		8.1 Sequential Searching
	23		8.2 Binary Searching with Arrays
		9	Trees
12	24		8.3 Hash Tables
	25		9.1-9.2 Simple Sorting
		10	Searching
13	26		9.3 Divide & Conquer + Merge Sort
	27		9.3 Merge Sort + Natural Merge
		11	8.3 Hash Tables & 9.2 Simple Sorts
Project 1:1 Interview			
14	28		9.3 Quick Sort Version 1
	29		9.3 Quick Sort Version 1 & 2 + Summary
	30		5.0 to 5.2 Graphs
15	31		5.3 to 5.4 Graph Implementation & Traversal
	32		10.1 Travelling Salesman & 10.2 Greedy Algorithms
		12	9.3 Advanced Sorting
16	33		10.3 Dijkstra Algorithm
	34		Review
		13	5. Graphs and 10. Greedy
Final Examination			