Lecture and tutorial schedule for a 14 (7) week course with 3-4 (6-8) contact hours/week

Part	Topic	Lec	Tut	Week	
				Long	Short
Th	11. Finite State Automata	1		1	1
	11. Finite State Automata	2			
	12. Turing Machines				
	11. Finite State Automata		1	2	
	12. Turing Machines	3			
Int	0. Intro to Course	4			
	0. Intro to compiler, editor		2	3	2
DS	1.2 Variables	5			
	1.3 Pointers	6			
	PROJECT: Form P1 Due				
	1.1 Variables		3	4	
	1.2 Pointers, Variables, Functions	7			
	2.1 Arrays	8			
	2.2 Records (basic)	9			
	1.2 Pointers		4	5	3
	2.2 Records (advanced)	10			
	3 Linked Lists (1)	11			
	PROJECT: Form P2 Due				
	2. Arrays/Records		5	6	
	3 Linked Lists (2)	12			
	3.4 Stacks	13			
	3.5 Queues	14			
	3 Linked Lists		6	7	4
BA	6.1 Direct Recursion	15			
	6.2 Mutual Recursion	16			
	6.3 Backtracking	17			
	MIDTERM: covering ch 1, 2, 3, 4, 12, 13				
	6 Recursion		7	8	
	6.4 Lookahead	18			
	6.4 Lookahead	19			
	7.1 Key Concepts				
	7.3 Time Complexity	20			
	7.3 Time Complexity		8	9	5
	7.4 Big-O	21			
SD	4 Tree	22			
	4 Tree	23			
BA	7.4 Big-O & 4 Trees		9	10	
Act	8.1 Sequential Searching	24			
	8.2 Binary Searching	25			
	PROJECT: softcopy + P3, P4, P5 due				
	8 Searching		10	11	6
	8.3 Searching (Hash Tables)	26			
	9.2 Sorting (basic)	27			
	9.3 Sorting (advanced)	28			
	9.2 Sorting (basic)		11	12	
	9.3 Sorting (advanced)	29			
	9.3 Sorting (quick)	30			
	9.3 Sorting (quick)	31			
	9.3 Sorting (introspective)				
	PROJECT: 1:1 interview				
	9.3 Sorting (advanced)		12	13	7
SD	5 Graphs	32			
Act	10 NP-Hard (TSP & Greedy)	33			
	10 NP-Hard (Dijkstra)	34			
SD	5 Graphs		13	14	
	Course in Review	35			