CSE 143, Winter 2010 Approximate Lecture Calendar

Week 1	M 1/4	W 1/6	F 1/8
WCCK 1	syllabus; review; arrays	ArrayList	more ArrayList; objects/classes
	read Ch. 1-8	read 10.1	read 10.1 - 10.3; Ch. 8
	Java Tutorial: <u>Java basics</u>	Wikipedia: data structures, collection	
	Wikipedia: array	wikipedia. <u>data structures</u> , <u>confection</u>	Wikipedia: OOP, object, class, encapsulation
	wikipedia. array		HW1 assigned
Week 2	M 1/11	W 1/12	
Week 2	M 1/11	W 1/13	F 1/15
	implementing ArrayIntList	more ArrayIntList; exceptions	inheritance; binary search
	read <u>15.1</u>	read <u>15.1</u> - 15.2; 4.5	read 9.1, 9.3 - 9.4, 13.1
			Tutorial: <u>inheritance</u> , <u>subclass</u>
			Wikipedia: <u>inheritance</u> , <u>binary search</u>
XX/ 1 2	3/1/10	XX 1 (00	HW2 assigned
Week 3	M 1/18	W 1/20	F 1/22
	NO CLASS	stacks and queues	more stacks/queues; complexity
	holiday (MLK Day)	read Stuart's <u>notes 1</u> , <u>notes 2</u>	read 13.2
	3 (Java Tutorial: Queue	Java Tutorial: collection interfaces
		Wikipedia: stack, queue	Wikipedia: <u>postfix expression</u> , <u>Big-Oh</u>
		****	HW3 assigned
Week 4	M 1/25	W 1/27	F 1/29
	linked list nodes	linked lists	linked lists
	read <u>16.1</u>	read <u>16.2</u>	read <u>16.2 - 16.3</u>
	Wikipedia: <u>linked list</u>		HW4 assigned
Week 5	M 2/1	W 2/3	F 2/5
	recursion	recursive programming	recursive programming; maps; grammars
	read 12.1	read 12.2 - 12.3	read 11.3; 12.3, 12.5
	Wikipedia: <u>recursion</u>		Wikipedia: map, grammar, BNF
			Stanford videos: <u>lecture 1</u> , <u>lecture 2</u>
			HW5 assigned
Woolz 6	M 2/8	W 2/10	F 2/12
Week 6	1/1 2/0	** 2 /10	
Week 0	more sets and maps; Iterator	searching/sorting; Comparable	recursive backtracking
Week 0	more sets and maps; Iterator read 11.2 - 11.3; 10.1	searching/sorting; Comparable read 13.1 - 13.4; 10.2	recursive backtracking read Stuart's notes
Week 0	more sets and maps; Iterator read 11.2 - 11.3; 10.1 Java Tutorial: set, map, iterator	searching/sorting; Comparable read 13.1 - 13.4; 10.2 Java Tutorial: searching, sorting	recursive backtracking
Week 0	more sets and maps; Iterator read 11.2 - 11.3; 10.1	searching/sorting; Comparable read 13.1 - 13.4; 10.2 Java Tutorial: searching, sorting Wikipedia: b.search, sort, selection, merge	recursive backtracking read <u>Stuart's notes</u>
Week 0	more sets and maps; Iterator read 11.2 - 11.3; 10.1 Java Tutorial: set, map, iterator	searching/sorting; Comparable read 13.1 - 13.4; 10.2 Java Tutorial: searching, sorting	recursive backtracking read <u>Stuart's notes</u>
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Week 7	more sets and maps; Iterator read 11.2 - 11.3; 10.1 Java Tutorial: set, map, iterator Wikipedia: set, map, iterator M 2/15	searching/sorting; Comparable read 13.1 - 13.4; 10.2 Java Tutorial: searching, sorting Wikipedia: b.search, sort, selection, merge Youtube: Obama on sorting W 2/17	recursive backtracking read Stuart's notes Stanford videos: lecture 1, lecture 2 F 2/19
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Week 7 Week 8 Week 9	more sets and maps; Iterator read 11.2 - 11.3; 10.1 Java Tutorial: set, map, iterator Wikipedia: set, map, iterator Wikipedia: set, map, iterator M 2/15 NO CLASS holiday (Presidents Day) M 2/22 binary trees read 17.1 - 17.2 Wikipedia: binary tree Stanford: lecture 22 (2:00 - 18:00) M 3/1 I/O streams; exceptions; inheritance read 9.3, 6.4 Java Tutorial: I/O streams, exceptions Java API: InputStream, OutputStream, URL, Exception M 3/8 advanced list implementation; abstract/inner classes; generics	searching/sorting; Comparable read 13.1 - 13.4; 10.2 Java Tutorial: searching, sorting Wikipedia: b.search, sort, selection, merge Youtube: Obama on sorting W 2/17 MIDTERM EXAM, in class W 2/24 binary search trees read 17.3 Wikipedia: binary search tree Stanford videos: lecture 22 (28:18 - end) W 3/3 inheritance and polymorphism read 9.2; Stuart's notes Java API: Object W 3/10 advanced set implementation; hashing Wikipedia: hash table	recursive backtracking read Stuart's notes Stanford videos: lecture 1, lecture 2 F 2/19 recursive backtracking read Stuart's notes HW6 assigned F 2/26 binary search trees read 17.3 HW7 assigned F 3/5 priority queues; Huffman trees read Stuart's notes Java API: PriorityQueue Wikipedia: priority queue HW8 assigned F 3/12
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Week 7 Week 8 Week 9	more sets and maps; Iterator read 11.2 - 11.3; 10.1 Java Tutorial: set, map, iterator Wikipedia: set, map, iterator Wikipedia: set, map, iterator M 2/15 NO CLASS holiday (Presidents Day) M 2/22 binary trees read 17.1 - 17.2 Wikipedia: binary tree Stanford: lecture 22 (2:00 - 18:00) M 3/1 I/O streams; exceptions; inheritance read 9.3, 6.4 Java Tutorial: I/O streams, exceptions Java API: InputStream, OutputStream, URL, Exception M 3/8 advanced list implementation; abstract/inner classes; generics	searching/sorting; Comparable read 13.1 - 13.4; 10.2 Java Tutorial: searching, sorting Wikipedia: b.search, sort, selection, merge Youtube: Obama on sorting W 2/17 MIDTERM EXAM, in class W 2/24 binary search trees read 17.3 Wikipedia: binary search tree Stanford videos: lecture 22 (28:18 - end) W 3/3 inheritance and polymorphism read 9.2; Stuart's notes Java API: Object W 3/10 advanced set implementation; hashing Wikipedia: hash table	recursive backtracking read Stuart's notes Stanford videos: lecture 1, lecture 2 F 2/19 recursive backtracking read Stuart's notes HW6 assigned F 2/26 binary search trees read 17.3 HW7 assigned F 3/5 priority queues; Huffman trees read Stuart's notes Java API: PriorityQueue Wikipedia: priority queue HW8 assigned F 3/12 computer science; discuss final exam;

This calendar should accurately describe what has occurred in past lectures, but it won't always accurately predict the future.