

Lab and Lecture Schedule (Tentative)

Updated: September 4, 2009

The lab dates listed here are the week of the lab, not the actual lab dates since there are two lab sections each week. Readings labeled BJ are from Big Java. All other readings can be found on blackboard.

Class	Date	Topic	Reading	Assignment
Lab 1		Eclipse (optional)		
1	8/26	Introduction		
2	8/28	designing classes <i>Java Style Standards quiz</i>	DSAJ pg 58-62, Java Style Standards	
Lab 2	Life cycles, CRC	Subversion (SVN)		
3	8/31	CRC, UML	BJ Ch. 8.1-8.3, 12.1-12.2	
4	9/2	UML <i>UML quiz</i>	DSAJ pg 70-75, BJ Ch. 12.3	
5	9/4	UML, Design process		Hw1 out
Lab 3		Debugging		
6	9/7	Debugging, Testing, Arrays	BJ Ch. 6.6T, 6.7T, 7.1, 7.6-7, 8.4-8.8, 9.1-9.3	
7	9/9	Inheritance, Super, Interfaces <i>Design process quiz</i>	BJ Ch. 10.1-10.8	
8	9/11	Copy Constructors,	BJ Ch. 17.1-17.3	
Lab 4		UML and Violet		
9	9/14	Polymorphism, Generics	Generics handout	<i>Hw1 p1 due</i>
10	9/16	Exceptions <i>Advanced Java quiz</i>	BJ Ch. 11.1-11.6	
11	9/18	Java Files and Streams	BJ Ch. 19.1, 19.4	
No Lab				
12	9/21	Recursion	CFJ pgs 591-608, BJ Ch. 13.1-13.3	
13	9/23			<i>Hw1 p2 due</i>
14	9/25	<i>Exam 1 (Life Cycle - Exceptions)</i>		<i>Hw1 p3 due</i>
Lab 5		Exceptions		
15	9/28			<i>Hw1 p4 due</i> Hw2 out
16	9/30	<i>Recursion quiz</i>		
17	10/2			
Lab 6		Recursion		
18	10/5	Searching and Sorting	BJ Ch. 14.1, 14.4, 14.7	<i>Hw2 p1 due</i>
19	10/7		BJ Ch. 14.3, 14.5, 14.6	
		<i>Sorting quiz</i>		
20	10/9	Algorithm Analysis	DSAJ pg 199-207	
No Lab				
	10/12	Fall break		
21	10/14			
22	10/16	Quicksort and Analysis		

Analysis quiz

Lab 7		Quicksort		
23	10/19			<i>Hw2 due</i>
24	10/21	List ADT	BJ Ch. 15.1-15.3	Hw3 out
25	10/23	<i>List quiz</i>		

Lab 8		Linked List		
26	10/26			
27	10/28			<i>Hw3 p1 due</i>
28	10/30	<i>Exam 2 (File IO - Linked Lists)</i>		

Lab 9		Stack		
29	11/2	Stack ADT	BJ Ch. 15.4, Stacks on blackboard	
30	11/4		MSD Ch. 6.3	
31	11/6	<i>Stack quiz</i>		

Lab 10		Queue		
32	11/9	Queue ADT	MSD Ch. 6.4, Queues on blackboard	<i>Hw3 due</i>
33	11/11			HW 4 out
34	11/13	Priority Queues	BJ Ch. 16.8, Prio Queues on blackboard	
		<i>Queue quiz</i>		

Lab 11		Priority Queues		
35	11/16			
36	11/18	Tree ADT	BJ Ch. 16.5-6	
37	11/20	<i>Priority Queue quiz</i>		

No Lab				
38	11/23			
	11/25	Thanksgiving break		
	11/27	Thanksgiving break		

Lab 12		Animal Game		
39	11/30	Binary Search Tree	BJ Ch. 16.9-10	
40	12/2	Movie: Sorting out Sorting		
41	12/4	<i>Tree quiz</i>		

No Lab				
42	12/7	Review		<i>Hw4 due</i>
43	TBA	Final Exam		
