

CSCI0320 Schedule

Spring 2009

Wk	Date	Type	Topics	HW Out	HW Due	Project
1	1/22	Lect	Introduction; Software Engineering Overview	Solar		
2	1/26, 1/27	Lab	Eclipse, Test Cases, and JUNIT			
	1/27	Lect	Interface and Class Design			
		Help	Solar (8pm)			
	1/29	Lect	UML; Design By Contract	Galaxy		Team Selection
	1/30	HW			Solar Design & Test Cases	
3	2/2, 2/3	Lab	Swing			Project Idea
	2/3	Lect	Requirements; XML; Design Patterns			
		Help	Galaxy (8pm)			
	2/4				Solar	
	2/5	Lect	Threads: Introduction & Synchronization; Project Ideas			
	2/6	HW			Galaxy Design	Initial Requirements
4	2/9, 2/10	Lab	Threads in Java			Survey/Questions
	2/10	Lect	Designing with Threads			
	2/12	Lect	Specifications; Sockets; Client-server architecture	NewsWhere		
	2/13	HW			Galaxy	Final Requirements

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5	2/18-2/20	Lab	Sockets (special time/optional)			Initial Specifications
	2/19	Lect	Specification Presentations			
		Help	NewsWhere (8pm)			
	2/22	HW			NewsWhere design	Specifications
6	2/23, 2/24	Lab	SVN and Jazz			
	2/24	Lect	HTTP; Team Design			
	2/26	Lect	System Design; User Interface Design			
	2/27	HW			NewsWhere	
7	3/2, 3/3	Lab	Mythical Man Month			Initial Design
	3/3	Lect	Databases			
	3/5	Lect	Web Application Design; Scripting Languages			
	3/6					Design
8	3/9, 3/10	Lab	Database programming	C-mini		
	3/10	Lect	C Programming			
	3/12	Lect	Memory Management			
9	3/16, 3/17	Lab	Design Presentations			
	3/17	Lect	C Libraries; OS Interfaces		C-mini	
	3/19	Lect	Java Behind the Scenes	FileView		
		Help	FileView (8pm)			
	3/20					Prototypes
10	3/21-3/29		SPRING BREAK			
11	3/30, 3/31	Lab	Compiling C; GDB; Make			
	3/31	Lect	C++ Programming			
	4/2	Lect	Posix Threads; Sockets	Chatter		
	4/3	HW			FileView	

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12	4/6, 4/7	Lab	C++ tools, Memory Debugging, namespaces	C++mini		
	4/7	Lect	Advanced C++ Programming; Generics			
		Help	Chatter (8pm)			
	4/9	Lect	Advanced C++; STL			
	4/10				C++mini	
13	4/13, 4/14	Lab	STL Programming			
	4/14	Lect	Demos for STEM day			STEM Demos
	4/16	Lect	Synchronization in C++		'	C-level Project
	4/17	HW			Chatter	
14	4/20	Lab	Project Demonstrations			
	4/21	Lect	Low-level I/O			
	4/23	Lect	Linking, Loading, Dynamic Libraries			B-Level Project
15	4/27	Lab	Project Demonstrations			
	4/28	Lect	Human Factors and UI Design			
	4/30	Lect	Distributed Systems			
16	5/4	HW				A Level Project
	5/5	Meet	DEMO DAY			Project Demo
	5/8				Super dead-line (5pm)	Project Report