

CSCI0320 Schedule

Summer 2009

Wk	Date	Type	Topics	HW Out	HW Due	Project
1 spr	6/22	Lect	Introduction; Software Engineering Overview Interface and Class Design	Galaxy		Project Hand-out
	6/23	Lab	Eclipse, Test Cases, and JUNIT			
	6/24	Lect	UML; Design By Contract Requirements; XML; Design Patterns			Team Selection; Project Selection
	6/25	Lab	Swing			
2 jj	6/29	Lect	Threads: Introduction & Synchronization Designing with Threads			Initial Requirements; survey questions
	6/30	Lab	Threads in Java			
	7/1	Lect	Specifications; Sockets; Client-server architecture Http; Team design			
	7/2	Lab	Sockets			
3	7/6	Lect	Specifications Presentations System Design; User Interface Design	NewsWhere	Galaxy	Specifications
	7/7	Lab	SVN			
	7/8	Lect	Databases; Mythical Man Month Exercise			
	7/9	Lab	Database programming			

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4	7/13	Lect	Design Presentations Java Behind the Scenes		NewsWhere	Design
	7/15	Lect	C and UNIX Programming Memory Management			
	7/16	Lab	Compiling C; GDB; Make			
5	7/20	Lect	C Libraries Posix Threads and Sockets			
	7/21	Lab	C Mini homework			
	7/22	Lect	C++ Programming Generics	Fileview		Prototype
	7/23	Lab	C++ tools, Memory Debug- ging, namespaces			
6	7/27	Lect	Advanced C++; Threads and Sockets in C++; STL			
	7/28	Lab	STL Programming			
	7/29	Lect	Systems programming: Shared memory; synchronization, cir- cular buffers Low-level I/O		Fileview	
	7/30	Lab	C++ Mini homework			
	8/3	Lect	Linking, Loading, Dynamic Libraries Distributed systems C++ usage rules			
	8/5-8/7	Exam	DEMO DAY			Project Demo