Computer Science 215
Tools and Techniques for Software Development
Fall 2001
Class Schedule – Section 3

Date	Topics	Homework
W 8/22	Introduction	Reek Ch. 1
M 8/27	Course Overview	Reek Ch. 2-3
W 8/29	C data, statements, ops, and expressions	Reek Ch. 4-5
M 9/3	C data, statements, ops, and expressions	Reek Ch. 6
W 9/5	Special presentation	Reek Ch. 8
M 9/10	C pointers and arrays	Reek Ch. 9
W 9/12	Strings in C	**Project 1 due F 9/14 9:00 a.m**. Reek Ch. 7
M 9/17	C functions	Reek Ch. 10
W 9/19	Scope and storage classes in C, Structures	Reek Ch. 11
M 9/24	Memory management in C	Reek Ch. 12
W 9/26	Structures and pointers in C	**Project 2 due F 9/28 9:00 a.m**. Robbins Ch. 20
M 10/1	Unix `make` files and `man`	Reek Ch. 14
W 10/3	C pre-processor	Robbins Ch. 3, 5
M 10/8	Unix shells and scripts	
W 10/10	**Midterm**	
M 10/15	Fall break	
W 10/17	Unix file system	**Project 3 due F 10/19 9:00 a.m.** Reek Ch. 15
M 10/22	File processing in C	
W 10/24	More I/O in C	Reek Ch. 13, 16, 17
M 10/29	Advanced C examples	
W 10/31	Advanced C examples	**Project 4 due F 11/1 9:00 a.m.**
M 11/5	Another C library	
W 11/7	Concepts in software engineering	Overland, Part II Ch. 1
M 11/12	Introduction to C++	Overland, Part II Ch. 2, 3
W 11/14	Classes in C++	**Project 5 due F 11/16 9:00 a.m.** Overland, Part II Ch. 5-7
M 11/19	C++ overloading and constructors	
W 11/21	Thanksgiving break	Overland, Part II Ch. 4
M 11/26	C++ streams	Overland, Part II Appendix B
W 11/28	C++ templates and exceptions	**Project 6 due F 11/30 9:30 a.m.** Overland, Part II Ch. 8
M 12/3	C++ inheritance and polymorphism	
W 12/5	Review	
W 12/12	**Final Exam 6:30-9:30 p.m.**	