

Computer Science 215
Tools and Techniques for Software Development
Fall 2001
Class Schedule – Section 1

Date	Topics	Homework
Th 8/23	Introduction	Reek Ch. 1
Tu 8/28	Course Overview	Reek Ch. 2-3
Th 8/30	C data, statements, ops, and expressions	Reek Ch. 4-5
Tu 9/4	C data, statements, ops, and expressions	Reek Ch. 6
Th 9/6	Special presentation	Reek Ch. 8
Tu 9/11	C pointers and arrays	Reek Ch. 9
Th 9/13	Strings in C	Project 1 due F 9/14 9:00 a.m. Reek Ch. 7
Tu 9/18	C functions	Reek Ch. 10
Th 9/20	Scope and storage classes in C, Structures	Reek Ch. 11
Tu 9/25	Memory management in C	Reek Ch. 12
Th 9/27	Structures and pointers in C	Project 2 due F 9/28 9:00 a.m. Robbins Ch. 20
Tu 10/2	Unix make files and man	Reek Ch. 14
Th 10/4	C pre-processor	Robbins Ch. 3, 5
Tu 10/9	Unix shells and scripts	
Th 10/11	Midterm	
Tu 10/16	Fall break	
Th 10/18	Unix file system	Project 3 due F 10/19 9:00 a.m. Reek Ch. 15
Tu 10/23	File processing in C	
Th 10/25	More I/O in C	Reek Ch. 13, 16, 17
Tu 10/30	Advanced C examples	
Th 11/1	Advanced C examples	Project 4 due F 11/1 9:00 a.m.
Tu 11/6	Another C library	
Th 11/8	Concepts in software engineering	Overland, Part II Ch. 1
Tu 11/13	Introduction to C++	Overland, Part II Ch. 2, 3
Th 11/15	Classes in C++	Project 5 due F 11/16 9:00 a.m. Overland, Part II Ch. 5-7
Tu 11/20	C++ overloading and constructors	
Th 11/22	Thanksgiving break	Overland, Part II Ch. 4
Tu 11/27	C++ streams	Overland, Part II Appendix B
Th 11/29	C++ templates and exceptions	Project 6 due F 11/30 9:30 a.m. Overland, Part II Ch. 8
Tu 12/4	C++ inheritance and polymorphism	
Th 12/6	Review	
M 12/10	Final Exam 6:30-9:30 p.m.	