Planned Syllabus

#	date	topic	notes
1.	Mon, Apr 1	Getting Started; Writing and Compiling C	
2.	Wed. Apr 3	C Program Basics, Operators, Variables	
3.	Fri. Apr 5	Operators, Variables, Control Flow	
		Discussion: UNIX Text Editors and Files	
4.	Mon, Apr 8	Pointers, Command-Line Interface	
5.	Wed, Apr 10	Command-Line Interface, Environment variables	
6.	Fri, Apr 12	Pointers, Casting, Storage	
		Discussion: Introduction to UNIX Commands, File System	***homework 1 due***
7.	Mon, Apr 15	Structures and Unions	
8.	Wed, Apr 17	Functions, Scope, Program Stack	
9.	Fri, Apr 19	Program Stack and Recursion	
		Discussion: UNIX Processes and Shells	
10.	Mon, Apr 22	Recursion, C Preprocessor	
11.	Wed, Apr 24	Libraries I: Standard I/O Library	
12.	Fri, Apr 26	Libraries II: Other library functions	
		Discussion: Remote Access: SSH, Telnet, and All That	
13.	Mon, Apr 29	UNIX System Calls: File Access	***homework 2 due***
14.	Wed, May 1	UNIX System Calls: Other	
15.	Fri, May 3	C compiler, *make*	
		Discussion: Review for Midterm	
16.	Mon, May 6	***midterm***	
17.	Wed, May 8	Debugging and *gdb*	
18.	Fri, May 10	Debugging and *gdb*	
		Discussion: Internet, World Wide Web	
19.	Mon, May 13	Modularity, interfaces, and portability	***homework 3 due***
20.	Wed, May 15	Modularity, interfaces, and portability	
21.	Fri, May 17	Robust Programming	
		Discussion: Configuring the Environment	
22.	Mon, May 20	Robust Programming	
23.	Wed, May 22	Robust Programming	
24.	Fri, May 24	Rapid Prototyping, Shell Programming	
		Discussion: UNIX Tools: *awk*, *sed*, and Other Programs	
	Mon, May 27	***no class*** (Memorial Day)	***homework 4 due***
25.	Wed, May 29	Rapid Prototyping, Shell Programming	
26.	Fri, May 31	Program Design: Top-Down	
		Discussion: More UNIX Tools	

#	date	topic	notes
27.	Mon, Jun 3	Program Design: Bottom-Up Design, Toolkit Approach	
28.	Wed, Jun 5	Program Design	
29.	Thu, Jun 6	Program Profiling	
30.	Fri, Jun 7	Conclusion and Review	
		Discussion: Review for Final	
	Mon, Jun 10	***final exam***	4:00PM to 6:00PM