

CS270 - System Software

Course Syllabus

Fall 2009

Instructor: Bob Rinker JEB 235 (208)885-7378 rinker@cs.uidaho.edu

Class website: www.cs.uidaho.edu/~rinker/cs270

Text: LINUX for Programmers and Users, Graham Glass & King Ables, Prentice-Hall, 2006

Week	Day	Topic	Text/Ref
1	Aug 24	M Introduction, orientation, history	Chap 1
	26	W History, C executable concepts	Chap 1
	28	F C compilation process	Notes
2	Sep 31	M C compilation - multimodule compilation	Notes
	2	W C compilation - multimodule compilation	Notes
	4	F Basic UNIX Commands	Chap 3
3	7	M **** Labor Day - NO Classes ****	
	9	W Basic UNIX Commands	Chap 3
	11	F The UNIX File System	Chap 13, Notes
4	14	M The UNIX File System	Chap 13, Notes
	16	W Advanced UNIX Commands	Chap 4
	18	F Advanced UNIX Commands	Chap 4
5	21	M UNIX Shells	Chap 5,6
	23	W UNIX Shells	Chap 5,6
	25	F Shell Programming	Chap 5,6
6	28	M Shell Programming	Chap 5,6
	30	W Shell Programming	Chap 5,6
	Oct 2	F Scripting Languages - Perl	Chap 4
7	5	M Scripting Languages - Perl	Chap 4, Notes
	7	W Scripting Languages - Perl	Chap 4, Notes
	9	F *** Test 1 ***	
8	12	M Scripting Languages - Perl	Chap 4, Notes
	14	W Networking	Chap 9
	16	F Networking Tools	Chap 9
9	19	M Networking - the Internet	Chap 9
	21	W Networking - the Internet	Chap 9
	23	F The Internet	Chap 9
10	26	M The Internet	Chap 9
	28	W The executable Environment	Notes
	30	F The executable Environment	Notes
11	Nov 2	M Programming Tools - ld	Chap 11
	4	W Programming Tools - ld	Chap 11
	6	F Programming Tools - libraries	Chap 11
12	9	M Programming Tools - make	Chap 11
	11	W Programming Tools - make	Chap 11
	13	F *** Test 2 ***	
13	16	M Systems Programming - System Calls	Chap 12
	18	W Systems Programming - System Calls	Chap 12
	20	F Systems Programming - File Operations	Chap 12
	Nov 23 - 27	****Thanksgiving Break - NO Classes****	
14	Dec 30	M Systems Programming - File Operations	Chap 12
	2	W Systems Programming - Signals	Chap 12
	4	F Systems Programming - Sockets	Chap 12
15	7	M Systems Programming - Sockets	Chap 12
	9	W Systems Programming - Sockets	Chap 12
	11	F Final Exam Review	

Final: Tuesday, Dec 15, 10:00am-Noon

Grading:

Two Hour Tests (15% ea)	30%
Final Exam	20%
Quizzes	15%
Homework/Programming Projects	30%
Award for completing all projects	5%
Total	<u>100%</u>

The letter grade you receive from the course will be determined as follows:

90%	-	100%	A
89.9%	-	80%	B
79.9%	-	70%	C
69.9%	-	60%	D
59.9%	-	0%	F

The instructor reserves the right to adjust these percentages lower if deemed necessary.

Disability Support Services Reasonable Accommodations Statement:

Reasonable accommodations are available for students who have documented temporary or permanent disabilities. All accommodations must be approved through *Disability Support Services* located in the Idaho Commons Building, Room 306 in order to notify your instructor(s) as soon as possible regarding accommodation(s) needed for the course.

- phone: 885-6307
- email: dss@uidaho.edu
- website: www.access.uidaho.edu