

CS541 - Advanced Operating Systems

Course Syllabus

Fall 2003

Instructor: Bob Rinker, JEB 226, (208)885-7378, rinker@cs.uidaho.edu

Text: *Distributed Operating Systems & Algorithms*, by Chow and Johnson, Addison Wesley.

No	Day	Topic	Text/Ref
1	Aug 26 T	Intro, Operating System Types	Chap 1
2	28 Th	Distributed System Concepts & Architectures	Chap 2
3	Sep 2 T	Distributed System Concepts & Architectures	Chap 2
4	4 Th	Concurrent Processes and Programming	Chap 3
5	9 T	Concurrent Processes and Programming	Chap 3
6	11 Th	Concurrent Processes and Programming	Chap 3
7	16 T	Concurrent Processes and Programming	Chap 3
8	18 Th	Interprocess Communication & Coordination	Chap 4
9	23 T	Interprocess Communication & Coordination	Chap 4
10	25 Th	Interprocess Communication & Coordination	Chap 4
11	30 T	Interprocess Communication & Coordination	Chap 4
12	Oct 2 Th	Interprocess Communication & Coordination	Chap 4
13	7 T	Distributed Process Scheduling	Chap 5
14	9 Th	**** Test 1 ****	
15	14 T	Distributed Process Scheduling	Chap 5
16	16 Th	Distributed Process Scheduling	Chap 5
17	21 T	Distributed Process Scheduling	Chap 5
18	23 Th	Distributed File Systems	Chap 6
19	28 T	Distributed File Systems	Chap 6
20	30 Th	Distributed File Systems	Chap 6
21	Nov 4 T	Distributed File Systems	Chap 6
22	6 Th	Distributed Shared Memory	Chap 7
23	11 T	Distributed Shared Memory	Chap 7
24	13 Th	Distributed Shared Memory	Chap 7
25	18 T	Replicated Data Management	Chap 12
26	20 Th	**** Test 2 ****	
	Nov 24 - 28	****Thanksgiving Break - NO Classes****	
27	Dec 2 T	Replicated Data Management	Chap 12
28	4 Th	Replicated Data Management	Chap 12
29	9 T	Checkpointing and Recovery	Chap 13
30	11 Th	Checkpointing and Recovery	Chap 13

Final: Thursday, Dec 18, 10:00-Noon

Grading:

Two Hour Tests (15% ea)	30%
Final Exam	25%
Homework/Projects	20%
Term Paper/Project	25%
Total	100%

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