

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	Topic	Text/Ref
1	Intro, Operating System Types	Chap 1
2	Distributed System Concepts & Architectures	Chap 2
3	Distributed System Concepts & Architectures	Chap 2
4	Concurrent Processes and Programming	Chap 3
5	Concurrent Processes and Programming	Chap 3
6	Concurrent Processes and Programming	Chap 3
7	Concurrent Processes and Programming	Chap 3
8	Interprocess Communication & Coordination	Chap 4
9	Interprocess Communication & Coordination	Chap 4
10	Interprocess Communication & Coordination	Chap 4
11	Interprocess Communication & Coordination	Chap 4
12	Interprocess Communication & Coordination	Chap 4
13	Distributed Process Scheduling	Chap 5
14	**** Test 1 ****	
15	Distributed Process Scheduling	Chap 5
16	Distributed Process Scheduling	Chap 5
17	Distributed Process Scheduling	Chap 5
18	Distributed File Systems	Chap 6
19	Distributed File Systems	Chap 6
20	Distributed File Systems	Chap 6
21	Distributed File Systems	Chap 6
22	Distributed Shared Memory	Chap 7
23	Distributed Shared Memory	Chap 7
24	Distributed Shared Memory	Chap 7
25	Replicated Data Management	Chap 12
26	**** Test 2 ****	
27	Replicated Data Management	Chap 12
28	Replicated Data Management	Chap 12
29	Checkpointing and Recovery	Chap 13
30	Checkpointing and Recovery	Chap 13

Grading:

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

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