

CS441/CS541 - Advanced Operating Systems

Course Syllabus

Fall 2005 (UPDATED)

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Text: *Distributed Systems: Principles and Paradigms*, by Tanenbaum and van Steen Prentice-Hall, 2002.

Lec No	Topic	Text/Ref
1	Orientation, Introduction	Chap 1
2	Distributed System Concepts & Architectures	Chap 1
3	Communication	Chap 2
4	Communication	Chap 2
5	Communication	Chap 2
6	Processes	Chap 3
7	Processes	Chap 3
8	Processes	Chap 3
9	Naming	Chap 4
10	Naming	Chap 4
11	Naming	Chap 4
12	Synchronization	Chap 5
	**** Test 1 ****	
13	Synchronization	Chap 5
14	Synchronization	Chap 5
15	Consistency and Replication	Chap 6
16	Consistency and Replication	Chap 6
17	Consistency and Replication	Chap 6
18	Fault Tolerance	Chap 7
19	Fault Tolerance	Chap 7
20	Fault Tolerance	Chap 7
21	Security	Chap 8
22	Security	Chap 8
23	File Systems	Chap 10
	**** Test 2 ****	
24	File Systems	Chap 10
25	Object-Based Systems	Chap 9
26	Document-Based Systems	Chap 11
27	Coordination-Based Systems	Chap 12
28	Course Wrapup, Final Exam Review	

Grading:

	<u>CS441</u>	<u>CS541</u>
Two Hour Tests	50%	40%
Final Exam	25%	20%
Homework/Projects	25%	20%
Term Paper/Project		20%
Total	<u>100%</u>	<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 slightly if deemed necessary.