

CS121 - Computer Science II

Course Syllabus Fall 2011

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Class website: www.cs.uidaho.edu/~rinker/cs121

Text: *Data Structures and Program Design in C++*, Kruse and Ryba, Prentice Hall, 1999.

Wk	Day	Topic	Text/Ref
1	Aug 22	M	Introduction, C++ Review
	24	W	C++ Review - Arrays
	26	F	C++ Review - Pointers
			Chap 1
2	29	M	C++ Review - Linked Lists
	31	W	C++ Review - Linked Lists
	Sep 2	F	C++ Review - Classes
			Chap 4,6 Chap 6
3	5	M	*** Labor Day - No Classes ***
	7	W	Classes, Templates
	9	F	Classes, Templates
			Chap 6 Chap 6
4	11	M	Program Design
	13	W	Program Design
	15	F	Stacks
			Chap 1 Chap 1 Chap 2
5	19	M	Stacks
	21	W	Stacks
	23	F	Stacks
			Chap 2 Chap 2 Chap 2
6	26	M	Queues
	28	W	Queues
	30	F	Queues
			Chap 3 Chap 3 Chap 3
7	Oct 3	M	Queues
	5	W	Induction
	7	F	**** Test 1 ****
			Chap 3 Chap 5
8	10	M	Induction
	12	W	Recursion
	14	F	Recursion
			Chap 5 Chap 5 Chap 5
9	17	M	Recursion
	19	W	Searching
	21	F	Searching
			Chap 5 Chap 7 Chap 7
10	24	M	Order Analysis
	26	W	Sorting
	28	F	Sorting
			Chap 8 Chap 8
11	Nov 31	M	Sorting
	2	W	Hashing
	4	F	Hashing
			Chap 8 Chap 9 Chap 9
12	7	M	Trees
	9	W	Trees
	11	F	**** Test 2 ****
			Chap 10 Chap 10
13	13	M	Trees
	15	W	Multiway Trees
	17	F	Multiway Trees
			Chap 10 Chap 11 Chap 11
	Nov 21 - 25		****Fall Recess - NO Classes****
14	28	M	Multiway Trees
	30	W	Multiway Trees
	Dec 2	F	Graphs
			Chap 11 Chap 11 Chap 12
15	5	M	Graphs
	7	W	Graphs
	9	F	Final Exam Review
			Chap 12 Chap 12

Final: Thursday, December 15, 10:00-Noon

Grading:

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

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

100%	-	90%	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