

Final Exam Preparation

CS 5301
Fall 2013

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Final Exam

- Thursday, Dec 12, 5:00PM to 7:30PM
- Closed book, closed notes, clean desk
- Comprehensive (covers entire course)
- 50% of your final grade

- No bathroom breaks. If you leave the room, you must turn in your exam, and not return to the classroom.

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Exam Format

- 100 points total
- Writing programs/functions/classes/code
- Similar to the comprehensive programming exam
- 5 questions

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Exam Format

- 5 questions:
 - * single loop, maybe process an array or string
 - * recursive function
 - * linked list
 - * class definition (overloaded operators)
 - * something based on one of the labs 9 through 14
- These concepts will likely be included:
 - * dynamic memory allocation
 - * nested loops

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Topics

- Operators and Data Types
- Control Constructs & Functions
- Pointers, References, Arrays, & Structures
- Classes & Objects
- Operator Overloading
- Polymorphism & Virtual Methods
- Recursion
- Lists
- Stacks & Queues
- Searching & Sorting
- Trees
- Graphs
- Sets & Search Tables
- Templates

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Final Grades

- Final Grade calculation:
 - * Lab Exercises (25%)
 - + 14 scores: I calculate the average for each week
 - + Drop the lowest of the 14
 - * Quizzes (25%)
 - + Drop the lowest of the 14
 - * Final Exam (50%)
- I will put the grades on TRACS on the gradebook tool
- Comprehensive Exam policy: You can have two attempts to pass this class with a grade of B or higher.

Office Hours finals week

Day	Date	Time
M	12/9	12:30-1:30pm
T	12/10	9:30-10:30am
W	12/11	11:00am-12:00noon
Th	12/12	1:30-3:30pm
		and by appt.

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