

How to Master CS 5301

CS 5301
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Jill Seaman

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How to master this class:

- prepare and practice each week!
- you can practice in the labs: DERR 231 and MCS 590 (eclipse)
- do some practice on paper, to prepare for quizzes
- in general, do NOT memorize code
- practice solving new problems
- come see me in office hours if you get stuck on a problem
- syntax is important!

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Problem solving steps

- Understand the problem description
- Generate a hypothetical solution
 - Think in terms of steps computer must perform
- Encode the solution (write the C++ code)
- Check your work
 - Trace your code, go through it step by step, carry out the instructions to see if they will solve the problem (you must be able to read code)
 - Look for errors in your solution (incorrect syntax, missing or misplaced { }, undefined variables, etc).

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