How to Master CS 5301

CS 5301
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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!

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).