To-Do List for CIS 25

### C++ Book

* C++ Primer Plus
  + ~~Read Ch. 4, and 7 – 9 as review~~
    - ~~Look up~~ **~~Pointers~~** ~~and~~ **~~Reference variables~~** ~~(pg. 340)~~
    - ~~Read up on using~~ **~~const~~** ~~for passing values by reference~~
  + ~~Read up on objects, Ch. 10 – 14 (Finish by 11/08/2011)~~
    - ~~Lab 6~~
    - ~~Lab 7~~
  + ~~Begin work on~~ **~~operator overloading~~**~~, (+, -, \*, /)~~
  + ~~Look up~~ **~~assignment operator~~** ~~online~~
  + ~~Look up how to~~ **~~overload ostream~~**
  + ~~Look up~~ **~~stand-alone functions~~** ~~and~~ **~~friend functions~~**
  + Learn new topics in Ch. 15 - 17

### Reading for CIS 27

* Introduction to Algorithms (MIT Press) **🡨 [*This is the one to read*]**
* Mastering Algorithms with C (O’Reilly)
* Data Structures & Algorithms in C++ (Course Technology)

### Further Reading

* CIS 61
  + <http://www-inst.eecs.berkeley.edu/~cs61a/archives.html>
  + Class website at UCB: <http://www-inst.eecs.berkeley.edu/~cs61a/sp11/>
  + Textbook: <http://www-mitpress.mit.edu/sicp/full-text/book/book.html>
  + Scheme Textbook: <http://www.eecs.berkeley.edu/~bh/ss-toc2.html> (Optional, a little simpler version of the first.)