## C++ Programming

5:00 – 6:00: Lecture

6:00 – 6:15: Break

6:15 – 7:15: Lecture

7:30 – 8:30: Lab

**Instructor:** Chris Cantrell, topherCantrell@gmail.com

**Text:**  *C++ Primer Plus Sixth Edition*, Stephen Prata

### February 7, 2012

* Files, Functions, and Namespaces ch2
* Variables ch3
* (Break)
* Expressions ch3
* Flow (if/while) ch5, ch6

### February 9, 2012

* Arrays ch4
* (Break)
* Flow (for/do/switch) ch5, ch6
* Pointers ch4

### February 14, 2012

* Structures/Classes and “this” ch10
* Constructors and Destructors ch12
* STL Containers ch16
* File I/O ch17

### February 16, 2012

* Inheritance and Overrides ch13
* Casting ch15
* Equals ch15

### February 21, 2012

* Templates and the STL ch16
* Exceptions ch15

### February 23, 2012

* Advanced Features of Functions ch8
* Putting it all Together