Intermediate C++ Programming Fall 2015

Syllabus One page Assignment and Reading List

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| **Week** | **Readings** | **Homework** |
| Week One:  *Sept 30th* | Savitch: Chapter 1— “C++ Basics”  Eckel: Chapter 3—“Introduction to data types” (pp 129 – 133) | Savich: Chapter 1 Programming Projects # 1,3,4,7,8,10 (pg 41 – 42)  **DUE: Oct 7th** |
| Week Two:  *Oct 7th* | Savitch: Chapter 3—Function Basics  Eckel: Chapter 3: Creating Functions | Savitch Chapter 3 Programming Projects # 1,2,4,6,12  **DUE: Oct 14th** |
| Week Three:  *Oct 14th* | Savitch: Chapter 4 Parameters and Overloading  Eckel: Chapter 7 Function Overloading and Default Arguments  QUIZ #1 AT END OF CLASS | Savitch: Chapter 4 –Programming Projects # 1, 4, 7, 15  **DUE: Oct 21st** |
| Week Four:  *Oct 21st* | Savitch: Chapter 5 – “Arrays” | Savitch: Chapter 5 – Programming Projects #1, 3, 7, 10  **DUE: Oct 28th** |
| Week Five:  *Oct 28th* | Savitch: Chapter 6 – “Structures and Classes”  Eckel: Chapter 6—Constructors & Destructors (pp 285) | Savitch: Chapter 6 – Programming Projects #2, 3, 8, 10  **DUE: Nov 4th** |
| Week Six:  *Nov 4th* | Savitch: Chapter 7 – “Constructors and Other Tools”  Eckel: Chapter 6—Constructors  QUIZ #2 AT END OF CLASS | Savitch: Chapter 7 – Programming Project #1, 3, 4, 8  **DUE: Nov 18th**  **TAKE HOME MIDTERM TO BE HANDED OUT, DUE BACK WEEK 8 APRIL 15th** |
| Nov 11th: No Class |  |  |
| Week Seven: Nov 18th | Savitch: Chapter 8 – “Operator Overloading, Friends, and References”  Eckel: Chapter 12 –“Operator Overloading” (pp 511) | Savitch: Chapter 8 – Programming Project #2, 5, 6  **DUE: Dec 2nd** |
| Nov 25th: No Class |  |  |
| Week Eight: April 15th  *Dec 2nd* | **MIDTERM DUE THIS DAY**  Savitch: Chapter 9 – “Strings”  QUIZ #3 AT END OF CLASS | Savitch: Chapter 9 – Programming Project #1, 2, 3, 4  **DUE: Dec 8th**  **TAKE HOME FINAL TO BE HANDED OUT AND RETURNED ON WEEK 10 ON DEC 9** |
| Week Nine:  *Dec 8th* | Savitch: Chapter 10 – “Pointers and Dynamic Arrays” | Savitch: Chapter 10 – Programming Project #1, 3, 4, 6  **DUE: DEC 9th** |
| Week Ten: Dec 9th | **FINAL EXAM DUE THIS DAY** Savitch: Chapter 11 – “Separate Compilation & Namespaces”  Eckel: Chapter 10 – “Name Control” (Recommended) |  |