

CS213 – C++ Programming—Fall 2007

Course Information as of August 13, 2007

Welcome!

Welcome to CS213, C++ Programming! We will be using the book “C++ Primer” by Lippman, Lajoie and Moo this semester. The goal of the course is to learn the syntax of the C++ language as well as some object oriented programming topics. We will spend the first 4 weeks learning all the “little” facts about the language: data types, flow control, memory allocation and more. After that point we will dive into object-oriented topics and not look back! Please see the course syllabus for a more detailed description of each lecture.

Staff

The course is being taught by Ron DiNapoli (Lecturer) who works full time at CIT in the “Advanced Technology and Architectures” group. This will be my 10th time teaching CS213. We will have one grader/consultant for the course. The administrative assistant for the course is Kelly Patwell in 5147 Upson Hall.

The Class

The class meets Tuesdays and Thursdays from 12:20PM – 1:10PM in room 314 Hollister Hall. The only grading option for this class is S/U which means that you do not get a letter grade. There will be a programming assignment given every Thursday due the following week. The assignments should not be overly difficult if you attend the lectures—they are designed to give you the maximum amount of experience using the language in an effort to stimulate your ability to learn it. Assignments count for 40% of your grade. There will be two prelims—each of which count for 20% of your grade. Finally, there will be a final project that accounts for the last 20%. Scores for all assignments, prelims and the final project are given a numeric grade with a maximum of 100. Your final grade is calculated with the following formula:

$$(Assignment\ Average * 0.4) + (Prelim1 * 0.2) + (Prelim2 * 0.2) + (Final\ Project * 0.2)$$

If your final score is 70 or greater, you will receive an **S** for the class. If it is 69 or lower, you will receive a **U**. Given this fact, you might notice it is theoretically possible to not do the final project and still receive a grade of 70 or higher. Students who do well all semester and achieve a score of 70 or higher just with the prelims and assignments will be notified in advance that they do not need to do a final project.

The book is fairly big, but don't be intimidated by it! Lectures will utilize Keynote slides (Mac OS's PowerPoint equivalent) to summarize and provide different commentary on the salient points from each chapter in the book. Prelims will be based on topics covered in lecture and on topics assigned in assignments. You will not be responsible for every word in the book! Lecture notes will be made available in PDF format after each class.

Assignments

Assignments are given every Thursday and are due the following Thursday. I will be using the Computer Science department's "CMS" Course Management System and assignment will be submitted electronically there. Every effort will be made to have your assignment grades available via CMS by the Tuesday after they are handed in.

Office Hours

Since I am an occasional lecturer in the Computer Science department, I do not have office space in any of the CS occupied buildings. My CIT office is also on the edge of campus (currently at 120 Maple Ave next to the transportation office) which is not convenient for many of you. While you will be able to make an appointment to meet with me should the need arise I will also be experimenting with holding office hours in *Second Life*. For more information, see:

<http://sunata.cit.cornell.edu/secondlife/cs213.html>

If you don't know what Second Life is, please visit the Second Life web site at <http://www.secondlife.com>. The use of Second Life for office hours is experimental and may prove to be difficult. In the event that it is not effective, alternative arrangements will be made.

Course Web Site

The main CS213 web site will be hosted at:

<http://www.cs.cornell.edu/courses/cs213/2007fa>

There will be some basic information posted there with links into the CMS system for up-to-date course information, assignments and grades. If you are not enabled as a member of CS213 in CMS, please contact me as soon as possible!

Contact Information

Email is the best way to get a hold of me, but you can also call my desk phone and leave a message. My contact information and campus address is as follows:

Ron DiNapoli
120 Maple Ave
255-7605
rd29@cornell.edu