CS116 - Intro to Programming, C++
Summer 1997

Instructor: Behfar Bastani
Office: Ryerson 163
email: behfar+cs116@cs.uchicago.edu

TA: Elisabetta Molinari
Office: 4th floor of Ryerson (take elevator to 4th floor, knock on big door on the left).
Office Hours: W 5-7, F 2-4

Lectures & Office Hours

- The class will meet MWF 10:30 - 12:30 in Ryerson 276.
- My office hours are by appointment.
- We may arrange for weekly tutorials if enough people are interested.

Books & Other Material

- The textbook is “C++ How to Program” by Deitel & Deitel. It is a fairly comprehensive introductory text, but fun to read, with lots of examples and exercises. The book is available at the bookstore.

Quizzes, Homework, Projects

- **Quizzes.** This is a five week fast paced class. To make sure that you will not fall behind, and in your own best interest, I will give out a few practice problems at the end of the Monday and Wednesday lectures, and give you a written quiz on them on Friday. The quizzes will not count for much of your grade, but will they help you keep on top of the material.

- **Homework & Projects.** There will be written homework assignments handed out regularly in class. However, most of your time will be spent on projects. These are programming assignments which enable you to put together the material presented in class and your own creative ideas and build working programs.

- **Policy for late assignments.**
  - No late homework will be accepted.
  - For the projects, you will have four days (96 hours) worth of lateness which you can use up in one hour increments, distributed over your projects in any way you wish. Each project will be due on a Sunday before midnight. If you decide to turn in a project late and want to use up some of your late hours, then you may do so, but must indicate this clearly in the write-up document of your project. **Suggestion:** Try not to blow your late hours on the early projects, as the level of difficulty of the projects will increase and you will typically spend much more time on the last few projects than on the first ones.
Exams

There will be one midterm only. Dates and times will be discussed in class. There will be no make-up exams. Missed exams will be excused only in cases of serious illness.

Grading Policy

Your final grade will be calculated according to the following weights:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projects</td>
<td>50%</td>
</tr>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Final</td>
<td>20%</td>
</tr>
<tr>
<td>Midterm</td>
<td>15%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>5%</td>
</tr>
</tbody>
</table>

..and finally, the goal of this class

The main goal of this class is the development of a clear and strong programming style and the ability to reason about large programs. The two main paradigms to this end will be *structured programming* and *object oriented programming*. You will not do any busy work, but will instead use your creativity to design simple and elegant programs.