

## Course Syllabus

CIS 1.5 – Introduction to Programming Using C++

Summer I 2008 - Section 1FG

Instructor: Roman Usatin

Credits: 4.0

Schedule: MTWTH 7:00-09:20PM 214 NE

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Required Text:

**Problem Solving with C++**, Jones and Harrow

ISBN 0-536-34870-7

Recommended Supplement:

**Workbook for C++**, Langsam

ISBN 0-536-35086-8

Elements of the course:
Programming Assignments 30%
Quizzes/Participation 10%
Midterm Exam 25%
Final Exam 35%

It is a course requirement to spend **at least** 4 hours a week programming in C++. There are computers available in the WEB (West End Building) with multiple compilers. The compiler that is recommended for this course is Bloodshed DEV C++. It is a freeware program and is for all students intending on doing work outside of the WEB.

There is an "official" CIS 1.5 website.

The URL is: <http://www.sci.brooklyn.cuny.edu/cis1.5/>

This section's website is: <http://www.sci.brooklyn.cuny.edu/~rusatin>

### How to submit all assignments

1. Print the C++ code (**the program**).
2. **Output** of the code.
3. Make sure your name and assignment number are on each page.

Date	Problem Solving with C++	Assignment Due
6/2, 6/3	Chapter 1	
6/4, 6/5	Chapter 1, 2	0
6/9,6/10	No College	
6/11, 6/12	Chapter 2,3	1
6/16, 6/17	Chapter 3	2
6/18,6/19	Chapter 4	3
6/23, 6/24	Chapter 5	4
6/25	Chapter 5, 6	5
6/26	MIDTERM	
6/30, 7/1	Chapter 6, 7	6
7/2	Chapter 7, 8	7
7/3	Chapter 8, 9	8
7/7	Chapter 9, 10	9
7/8	Conversions/Chapter 10	Extra credit

Final Exam is on Saturday 17<sup>th</sup> TBD hours.

Programming assignments:

Problem Solving with C++ end of Chapter problems

Assn 0	Download Dev C++ and create 3 different programs that have any output you choose.	
Assn 1	Chp 1	1, 2, 7a k, Programs 17, 24
Assn 2	Chp 2	1, 7, 8, 9, 21, 22 Program 31
Assn 3	Chp 3	1, 3, 4, 10, 16, Programs 60 and Choose 1: {63, 64}
Assn 4	Chp 4	1, 4, Program 20, Chp 5, Programs 31, 33
Assn 5	Chp 5	Programs 35, 46
Assn 6	Chp 6	Programs 46, 47, 50
Assn 7	Chp 7	Programs 20,27, Choose 1 {37,38,40}
Assn 8	Chp 8	Program 50
Assn 9	Chp 9	Program 25

#### NOTE ON PROGRAMMING ASSIGNMENTS

1. Programs are to be run either on the computers in the *WEB* building or a home computer. Students who run programs on their home computer are responsible for compatibility issues.
2. Programming assignments will have a due date. Lateness will result in a reduced grade.
3. There is a "significant" amount of outside work required to complete the programming assignments for the course. It is your responsibility to see to it that the programs are completed and submitted on time.
4. Students who submit identical (or very similar) assignments, or students who cannot explain the contents of their programs, or students whose exam grades are not consistent with the quality of the assignments submitted will be assumed not to be doing their own work.