CSCI 135 Syllabus

Hunter College, Summer 2023
Instructor: Sadab Hafiz
https://proto007.github.io/Hunter_CS135_Summer23/
MW 11:40 am - 2:00 pm ET
Location: HN1001C
sadab.hafiz52@myhunter.cuny.edu

---

1 Prerequisites

A student must complete CS127 (or equivalent) before taking CS135. At the very least, students should have written, compiled, and run a program containing iteration `while`, `for`, and selection `if` statements.

2 Course Objectives

This course is an intensive introduction to problem-solving and programming. It is not specifically a course in the `C++` programming language. It uses `C++` to implement the concepts presented in class since one cannot learn how to program without learning a programming language! The details of `C++` will sometimes be a distraction from learning essential concepts, but the only way to learn to program is to program. The main objective of this course is to learn how to analyze problems, develop, and implement their solutions using a programming language.

3 Textbook and Tools

The use of textbooks for this course is optional. The slides are based on Cay Horstmann, Brief C++, 3rd ed. eText so feel free to use this book to learn more. **If you are planning to use the textbook, send me an email before you purchase the book**.

We will mainly use C++ programming language. This course is taught in Linux and your programs must be able to run on a Linux environment. On campus, you may use the 1001C and 1001B labs to do your work for this course. The standard Linux/Unix/MacOS C++ compiler is `g++`. Macs have Unix command line and `g++`. If you want a Linux environment on Windows without installing Linux, follow this excellent tutorial. You can also install a C++ compiler on Windows using MinGW.

The use of an IDE is recommended. If you prefer to code in your terminal directly, take a look at Vim. If you prefer GUI, I recommend VS Code for its simplicity and flexibility. I will use VS code to show examples during class. However, feel free to explore different IDEs and choose whichever one works best for you.

4 Recitations

In addition to the lecture, you are required to attend recitation each day of class. Recitation will also take place at HN1001C during MW 2:30 pm - 4:03 pm ET. During the recitation, you will take a lab quiz and work on your lab assignments. This is a good time to ask questions and get individual help with programming assignments if necessary. The lab quiz will be given at the beginning of the lab and you are not required to stay for the whole duration. However, you are encouraged to finish your lab assignments during the recitation.

5 Tutoring and Office-Hours

Tutor Ryan Vaz will be available Monday to Thursday from 4:00 PM - 5:00 PM at HN1001C. In addition, I will hold office hours by appointment as necessary. Let me know if you need office hours via email. Recitation is a great time for questions or concerns. I prefer to answer all questions in person if possible. If not, feel free to shoot me an email.

6   Grade Distribution

There will be no negotiation about the grade distribution. Your final grade will be based on:

Final	25%
Midterm	20%
Projects	20%
Labs	20%
Lab Quizzes	5%
Classwork/Homework	10%

In addition to the two projects, there will be an extra credit project which will be worth 10% of the grade.

7   Lateness Policy

Manage your time wisely and avoid procrastination. I understand that things happen in life unexpectedly which is why each student gets one attempt at submitting an assignment late. This is not the best way to submit because you will have to email me your late submission which prevents you from looking at gradescope errors. In other words, you only get one shot at submitting it in gradescope. Therefore, use this late attempt only if necessary. Furthermore, the assignment you are trying to submit late has to be an assignment that was due recently. You are allowed the late submission within 7 days of the assignment's due date.

8   Course Materials

All the materials covered will be listed on the course webpage. Check this webpage frequently to stay up to date with the materials and the assignments.

9   Academic Integrity

We take academic honesty very seriously, and any violation results in sanctions in accordance with Hunter College's procedure. Hunter College regards acts of academic dishonesty (e.g., plagiarism, cheating on examinations, obtaining unfair advantage, and falsification of records and official documents) as serious offenses against the values of intellectual honesty. The College is committed to enforcing the CUNY Policy on Academic Integrity and will pursue cases of academic dishonesty according to the Hunter College Academic Integrity Procedures. Academic dishonesty can potentially allow you to pass a course and move on to the next one. But, how long will you be able to do this? Will you try it during a job interview in front of your interviewer? Think about the long-term consequences of not mastering the material and just passing courses.

10   Bullying and Intimidation

Bullying, cyberbullying, online hate, intimidation, threats, harassment, and pressure to share schoolwork are all forms of violence. CUNY holds a zero-tolerance stance towards all such acts. The University is committed to the prevention of any form of bullying, will respond promptly to threats and/or acts, and will protect victims of bullying from retaliation. As a criminal matter, the New York Attorney General defines cyberbullying as the use of email, websites, instant messaging, chat rooms, text messaging, and digital cameras to antagonize and intimidate others.

11   ADA Compliance

In compliance with the ADA and with Section 504 of the Rehabilitation Act, Hunter College is committed to ensuring educational access and accommodations for all its registered students. Hunter College's students with disabilities and medical conditions are encouraged to register with the Office of AccessABILITY for assistance and accommodation. For information and appointment contact the Office of AccessABILITY located in Room E1214 or call (212) 772-4857 /or VRS (646) 755-3129.

12 CUNY Policy on Sexual-Misconduct

In compliance with the CUNY Policy on Sexual Misconduct, Hunter College reaffirms the prohibition of any sexual misconduct, which includes sexual violence, sexual harassment, and gender-based harassment retaliation against students, employees, or visitors, as well as certain intimate relationships. Students who have experienced any form of sexual violence on or off campus (including CUNY-sponsored trips and events) are entitled to the rights outlined in the Bill of Rights for Hunter College. a. Sexual Violence: Students are strongly encouraged to immediately report the incident by calling 911, contacting NYPD Special Victims Division Hotline (646-610-7272) or their local police precinct, or contacting the College's Public Safety Office (212-772-4444). b. All Other Forms of Sexual Misconduct: Students are also encouraged to contact the College's Title IX Campus Coordinator, Dean John Rose (jtrose@hunter.cuny.edu or 212-650-3262) or Colleen Barry (colleen.barry@hunter.cuny.edu or 212-772-4534) and seek complimentary services through the Counseling and Wellness Services Office, Hunter East 1123. CUNY Policy on Sexual Misconduct Link: http://www.cuny.edu/about/administration/offices/la/Policy-on-SexualMisconduct-12-1-14-with-links.pdf.