CSCI 13300 SP 2025 Syllabus [CN1 - LEC]

Ben Rosenberg

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Course information

- Course name: **CSCI 13300: Programming for Everyone**
- Course mode of instruction: **In person**
- Class days and times: **Saturday, 10:45 AM - 1:15 PM**
- Class location: **North Bldg 1001D**
- Class section: **CN1 - LEC**

Instructor contact information

- Instructor name: Ben Rosenberg
- Instructor email address: benjamin.rosenberg24@myhunter.cuny.edu
- Office hours: N/A, please schedule meetings via email or preemptively in-person
- Department contact information: Please see https://hunter.cuny.edu/artsci/computer-science/contact/

If you need to contact me, please reach out via email. Please put "CSCI 13300" or something similar in the subject - it'll make it easier to find your emails.

Course materials

- Lecture materials:
  - All materials will be provided in lecture as necessary, including a computer (lecture will be held in a computer lab).
  - Lecture notes/slides (if applicable) will be posted on the course website, https://benrosenberg.info/teaching/sp25/csci13300.html.
- Assignment materials:
  - Assignments will be accessible via BrightSpace, the university's new content management system for courses. Please bear with us as we adapt to this new system.
  - You are expected to be able to access BrightSpace, so that you may view and complete assignments.
  - There may be delays in setting up the BrightSpace portal. In this case, I will discuss alternative means of submitting assignments (likely via email).
- Additional materials:
  - Additional materials may be provided ad-hoc on the course website, https://benrosenberg.info/teaching/sp25/csci13300.html.
  - The Python tutorial is very useful if you want to take a look: https://docs.python.org/3/

Course description

- Description: A comprehensive practical course in programming that concentrates on producing working software for games, simulations, animations, data manipulations, interacting with the Internet, graphical user interfaces and many other application areas. No programming experience is necessary.
- Goal: Provide students with a familiarity with the Python programming language, specifically with respect to the applications mentioned above.

Course calendar

For course meeting time and location, see the "Course information" section above.

Relevant dates (course-relevant ones bolded for emphasis):

- **2025-01-25: First day of class for CSCI 13300**
- 2025-01-31: Last day to add a class or swap a course
- 2025-01-31: Last day to drop a course for 75% tuition refund
- 2025-02-01: Late registration with "Department" permission begins
- 2025-02-01: WD grade assigned to students who drop a course
- 2025-02-06: Late registration with Department permission ends
- 2025-02-07: Last day to drop a course with 50% tuition refund
- 2025-02-14: Last day to drop a course for 25% tuition refund
- 2025-02-14: WN grade assigned to students who drop a course
- 2025-02-15: Withdrawal period begins
- 2025-02-24: WA grades assigned for MMR non-compliance
- 2025-03-07: Pass/No credit (P/NC) grade request period opens
- 2025-03-26: Pass/No credit (P/NC) grade request period closes
- 2025-04-01: Withdrawal period ends
- **2025-04-12: No class (spring recess)**
- **2025-04-19: No class (spring recess)**
- **2025-05-11: Last day of classes for CSCI 13300**
- 2025-05-15: Last day of classes

The above list of academic dates may have become outdated between the time this syllabus was created and the time it is being viewed. For up-to-date information on academic dates see the Hunter website: **https://hunter.cuny.edu/students/registration/academic-calendar/**.

Course structure

There are 11 units in this course. Each unit will have the following components:

- Learn something new: Gain some familiarity with a new aspect of the Python programming language and/or applications of it via language libraries/modules.
  - Example item: Learn how a for-loop works and how to use it.
- Apply what you know: Use the new information from the previous part to complete some tasks.
  - Example application: Use the for-loop to print a string multiple times.

The lectures may not align perfectly with the units, so some units may be split over multiple lectures.

Grading

This class will not have exams. Instead, it will have 11 "quizzes" (really, take-home assignments), one for each unit we cover. These assessments, in conjunction with an attendance grade, will comprise the entirety of the course grade, as outlined below.

Grade summary:

- Assessments: 95 points
- Attendance: 10 points

Note that the above numbers add to 105, not 100. The course, however, is graded out of 100, so there are 5 bonus points available to you if you attend all the lectures.

Assessment grade weighting

All assessments will be graded for completion. That is, assessments will be either given full credit (if completed by the due date), or no credit (if not completed by the due date).

The course material is cumulative. Thus, it makes sense to assign a heavier grade weighting to assessments later in the course, as they require more information and learning experience to complete. This also serves as an incentive to retain information from previous units, so that it can be applied to later units to greater effect.

Please note that the below grading scheme differs slightly from the one typically used by this course, which weights all assessments equally. This course instead weights assessments less towards the beginning of the course, and weights assessments more towards the end of the course, for the reason given above.

Assessment Number	Assessment weight (out of 100)
1	3.93
2	4.68
3	5.49
4	6.36
5	7.31
6	8.31
7	9.38
8	10.52
9	11.72
10	12.99
11	14.31
Total	**95.0**

The above weights were generated using the following quadratic, in which a is the assessment number, with the goal of ensuring a gradual but increasing addition of grade weight per assessment. The constant 10 was chosen arbitrarily to flatten the curve, and the constant 30.8 was calculated so that the assessment grade totals approximately sum to 95.

$$\text{weight}(a) = \frac{(a + 10)^2}{30.8}$$

Assessment penalties

Deadlines for these assessments will be generous (you will usually be given over a week to complete each assessment, so that there is time to ask questions about it in lecture). If you are unable to complete an assessment by the deadline, send me an email and we can work things out - probably by allowing you to submit the assessment late (**at most 1 week late**, otherwise you will fall behind in the course).

Late assessments will each cause a 1-point deduction on the final course grade. This is 1% of your final grade. However, with the attendance bonus, you can in theory submit up to 5 assessments late without affecting your final grade (provided you complete all the assessments), so you can still get a perfect score in the course even if you submit a couple assessments late. Please don't bank on this though, as falling

behind on assessments will cause you to do more poorly in the course overall - and missing lectures could cause you to lose additional points.

Lastly, even if you don't complete the most heavily weighted assessment (worth around 14 points), you can still get an A- in the course, provided you attend every lecture and get the 5 bonus points from doing so. Please do submit all assessments though - they are designed for you to be able to apply what you've learned in lecture, and will reinforce your understanding of the material.

Attendance grade

There is a 10-point attendance component to the final grade, which is calculated as follows, where c is the number of classes attended and L is the number of lectures that we have:

$$\text{attendance}(c) = \frac{10 \times c}{L}$$

For example, if you attend half of the lectures, you will get 5 points as your attendance grade.

Please try to attend all lectures though, so that you can be prepared to work on the assessments.

Attendance will be counted if you arrive within 30 minutes of the beginning of class. However, please be on time to class if possible - I won't start the lecture over for students who arrive late.

Grade mapping

The below table maps each course grade to the minimum final numerical grade to obtain that grade, per CUNY guidelines (link: https://hunter.cuny.edu/students/registration/records-and-transcripts/grading-structure/).

Grade	Min Numerical Grade
A+	97.5
A	92.5
A-	90
B+	87.5
B	82.5
B-	80
C+	77.5
C	72.5
C-	70
D	60

Any numerical grade below 60 is mapped to an F.

Academic integrity policy

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.

Hunter ADA Policy

In compliance with the American Disability Act of 1990 (ADA) and with Section 504 of the Rehabilitation Act of 1973, Hunter College is committed to ensuring educational parity and accommodations for all students with

documented disabilities and/or medical conditions. It is recommended that all students with documented disabilities (Emotional, Medical, Physical, and/or Learning) consult the Office of AccessABILITY, located in Room E1214B, to secure necessary academic accommodations. For further information and assistance, please call: (212) 772-4857 or (212) 650-3230.

Hunter College 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: https://www.cuny.edu/wp-content/uploads/sites/4/pageassets/about/administration/offices/ovsa/policies/Sexual-misconduct-8.30.18-PSM-2018-005.pdf

Syllabus change policy

This contents of this syllabus may be changed over time. Changes will be announced in lecture as necessary. For the most recent version of the syllabus, check the course's BrightSpace page.