CS-UY 1114, Introduction to Programming And Problem Solving Fall 2018 Syllabus

Professors Katz, Mante, and Epstein

Basic information

Course description This course introduces problem solving and computer programming and is for undergraduate Computer Science and Computer Engineering majors who have limited prior experience in programming in any language. The course covers fundamentals of computer programming and its underlying principles using the Python programming language. Concepts and methods introduced in the course are illustrated by examples from various disciplines.

Logistics

EXL1	17236 M-W	03:00pm – 04:20pm	JABS 473
EXL2	17612 M-W	10:30am – 11:50am	JABS 473
EXL3	17401 M-W	04:30pm – 05:50pm	RH 215
ILC1	17237 M-W	12:00pm – 01:20pm	JABS 473
ILC2	17553 M-W	04:30pm – 05:50pm	JABS 473
ILC3	17400 M-W	03:00pm – 04:20pm	2MTC 9007

In addition to the lectures, you must be registered for one of the mandatory lab sections.

Contacting us If you need help, please contact the professor for the section in which you're registered.

	email	room	phone
Dan Katz	dkatz@nyu.edu	2 MTC 10.027	646-997-3657
Meredith Mante	meredith.mante@nyu.edu	2 MTC 10.038	
Jeff Epstein	jeff.epstein@nyu.edu	2 MTC 10.055	646-997-3186

When contacting a professor by email, please use "CS1114" in your subject line to expedite responses.

	office hours
Dan Katz	2-3PM Monday, 2-2:30 Wednesday, or by appt
Meredith Mante	by appt
Jeff Epstein	by appt

Prerequisites This course does not reqiure a background in programming, but basic computer skills (installing and opening programs, managing files, etc) are assumed.

Textbook   The Practice of Computing Using Python, 3rd Edition, by Punch and Enbody. ISBN 0134379764

Class expectations   You are expected to take notes during class, based on our discussions and lectures. Please come prepared to do so.

Active participation in class discussions is strongly encouraged. This is the best time for students to ask questions or clarify any confusing concepts. In addition, you are responsible for any material covered in class, even if it isn't in the textbook. If you miss a class, you should contact a classmate to recover the missed content and assignments.

You may use your computer during lecture only for note-taking, unless otherwise specified. Please do not use your phone during class time.

Coursework

Grading rubric   Your final grade for this class will be calculated as follows:

- Homework: 20%

  Homeworks are to be completed independently, outside of class time. Your grade reflects to what extent your solution is correct.

- Lab: 15%

  Labs assignments are given in a supervised environment. You may discuss your work with other students and with teaching assistants. Your grade is based on attendance and effort.

- Highest exam: 25%

  Note that your most successful exam carries more weight towards your final grade than the others.

- Second highest exam: 20%

- Third highest exam: 10%

- Concluding component: 10%

  The "concluding component" of the course, accounting for 10% of your final grade, takes one of two forms, at your discretion:

    - An extensive programming project, to be completed independently, outside of class time.
    - Or, an additional section on the final exam.

Assignments   Assignments will be distributed on NYU Classes (https://newclasses.nyu.edu) and will be submited on Gradescope (https://www.gradescope.com). Never submit your assignment by email or on paper; only homework submitted on Gradescope will be accepted.

If you have a question about a grade you've received on a homework, please contact the grader.

Additional policies

Communication   We may occasionally use email to make class announcements. It is your responsibility to check your NYU email account regularly.

Assignments will typically be posted on NYU Classes. It is your responsibility to check NYU Classes for assignments, and to submit your work there in a timely manner.

Exam policy   Your valid NYU ID card will be verified prior to the administration of any exam. Talking during exams is strictly prohibited; a violation of this policy will result in failure. If you have a question during an exam, raise your hand and wait for a professor or proctor to arrive.

Late policy   In general, we do not accept late assignments and do not offer substitute times for exams. Documented special cases may be considered.

Attendance   Students are expected to arrive to every class promptly. You should be actively engaged in the learning process during the duration of the class time. Class attendance is mandatory.

Please disable or silence any device which may audibly disrupt the class. This includes phones, beepers, and tablets.

Please do not eat or drink during class.

Academic integrity   You are encouraged to discuss assignments with other students, your instructor, and the teaching assistants. Although you are allowed to discuss particular issues and approaches, you absolutely may not copy work from anyone else.

Your work for this class (including, but not limited to, programming assignments and exams) should represent your own efforts and understanding. You may not copy work from other students, nor from other sources, including the internet. If an assignment explicitly allows you to work with a partner, you may share code with your partner, but not with any other student.

Apparent infractions will be reported in accordance with the policies set forth in the Student Code of Conduct (`https://engineering.nyu.edu/sites/default/files/2018-06/code-conduct2-2-16.pdf`). Furthermore, cheating on any assignment will result in a zero on that assignment. Cheating on any exam will result in failing the course.

Academic Accommodations   New York University provides reasonable accommodations to qualified students who disclose their disability to the Moses Center. Reasonable accommodations are adjustments to policy, practice, and programs that level the playing field for students with disabilities and provide equal access to NYUs programs and activities. Accommodations and other related services are determined on a case-by-case basis, taking into consideration each student's disability-related needs and NYU program requirements.

If you are student with a disability who is requesting accommodations, please contact New York Universitys Moses Center for Students with Disabilities at 212-998-4980 or mosescsd@nyu.edu. You must be registered with CSD to receive accommodations. Information about the Moses Center can be found at `http://www.nyu.edu/csd`. The Moses Center is located at 726 Broadway on the 2nd floor.