

CS 1213: Programming for Non-Majors with Python

Syllabus – Spring 2024

1. General Information:

Lecture:

Date and Time: T/R 3:00-4:15pm

Location: Gallogly Hall 127

Labs:

Date and Time: F 11:30-12:20 pm or 12:30-1:20 pm

Location: Devon Energy Hall 270

Instructor:

Brandon Morgan

Email: morganscottbrandon@ou.edu

Office Hours: T/R 2:00-3:00 pm and 4:15-5:15 pm (Devon Energy Hall Rm. 225)

Teaching Assistant:

Omkar Chekuri

Email: omkar.chekuri@ou.edu

Office Hours: M/W 2:00-3:00pm

Zoom Address:

Check Announcement on Canvas

Textbook:

The textbook chosen for this class is freely available online

- **A Practical Introduction to Python Programming** by Brian Heinold
- Check Canvas -> Files for pdf

Learning Objectives:

This course serves as an elementary introduction to programming for non-majors in Python. The course will cover topics such as variables, mathematical statements, for loops, if statements, strings, lists, while loops, dictionaries, file I/O, functions, and the basics of object-oriented and GUI programming.

The course will adhere to the following temporary schedule:

Chapter	Week Start Date
1. Getting Started	1/15
2. For Loops	1/22
3. Numbers	1/29
4. If Statements	2/5
5. Miscellaneous Topics 1	2/12
6. Strings	2/19
7. Lists	2/26
8. More with Lists Midterm 1 (Ch. 1-5)	3/4
9. While Loops	3/11
Spring Break	3/18
10. Miscellaneous Topics 2	3/25
11. Dictionaries	4/1
12. Text Files Midterm 2 (Ch. 6-10)	4/8
13. Functions	4/15
14. Object Oriented Programming	4/22
15. GUI Programming	4/29
Finals Week (Ch. 11-14)	5/6

2. Course Policies

Grading: The course grade is based off points rather than percentage. The course assignments are split into two major sections: homework and exams. There will be 14 homework assignments, worth 50 points each. There will be three exams in total (including the final), worth 100 points each. All assignments and exams total 1000 possible points achievable. The course letter grade will be assigned based on the total points: 900-1000 (A), 800-890 (B), 700-790 (C), 600-690 (D), and sub 600 (F).

Component	Total Points
Homework Assignments	700 (50 each for 14 total)
Exams (2 midterms, 1 final)	300 (100 each for 3 total)
	1000

Homework will focus on the programming aspect of the course. Each week, except for the first and dead week, homework will be assigned. The homework will be released one week and a day before it is due. Homework is always due Friday night at 11:59 pm. There is a late turn in policy. There is a 10% off late penalty per day the assignment is submitted after the due date. The submission for

homework closes Monday night (11:59 pm) after the due date. For example, homework turned in Saturday will be penalized 10%, 20% for Sunday, 30% for Monday, and a failure for the assignment for anything turned in after.

Exams will be comprehensive but will focus on the current chapters of interest at the respective time. Exams will be held on canvas in person, while those without laptops can take the exam via a handed out printed version. Please notify me of any exam requirements.

Labs are optional and are designed for extra practice and help with your homework assignments.

This class will use Canvas learning management system for course material and communication. The URL for the home page is <http://canvas.ou.edu>. Log in with your 4+4 using your standard OU password. If you have difficulty logging in, call 325-HELP. This learning management system provides several useful features, including a list of assignments and announcements, an electronic mailing list, and a grade book. All updates to the schedule assignment due dates will be announced in class and posted to this website. You should check the site regularly.

3. University Policies

Masking is welcome on the OU Norman campus. People may choose to mask at any time or for any purpose. In classroom settings, there is no longer a 2-week masking requirement when there is a reported positive case of COVID-19 in the class.

Religious Observances: It is University policy to excuse absences that result from religious observances and to reschedule exams and assignment deadlines that fall on religious holidays. Please check the schedule and inform me of any conflicts as soon as possible.

Accommodation: Any student with a disability should contact the instructor so that reasonable accommodation may be provided for that student. Adjustments for Pregnancy/Childbirth Related Issues: Should you need modifications or adjustments to your course requirements because of documented pregnancy related or childbirth-related issues, please contact me as soon as possible to discuss. Modifications will be made where medically necessary and similar in scope to accommodation based on temporary disability. Please see <http://www.ou.edu/eoo/faqs/pregnancy-faqs.html> for commonly asked questions.

Title IX Resources: For any concerns regarding gender-based discrimination, sexual harassment, sexual misconduct, stalking, or intimate partner violence, the University offers a variety of resources, including advocates on-call 24.7, counseling services, mutual no contact orders, scheduling adjustments and disciplinary sanctions against the perpetrator. Please contact the Sexual Misconduct Office 405-325-2215 (8-5) or the Sexual Assault Response Team 405-615-0013 (24.7) to learn more or to report an incident.