Course Syllabus

✎ Edit

INTELLECTUAL PROPERTY

The materials in this course are the intellectual property of Dr. Larissa Munishkina and UCSC. As a student, you have access to many of the materials in the course for the purpose of learning, engaging with your peers in the course, completing assignments, and so on. You have a moral and legal obligation to respect the rights of others by **only using course materials for purposes associated with the course**.

For instance, **you are not permitted to share**, upload, stream, sell, republish, share the login information for, or otherwise disseminate **any of the course materials**, such as: lecture video and audio files, assignments, exams, quizzes, slides, notes, syllabus, simulations, datasets, and discussion threads.

OVERVIEW

This is CSE20 Beginning Programming in Python, a class where you start to learn programming.

Course Work. You will have ten lab assignments, five quizzes, and the final exam. The final grade will be calculated according to the following schema:

Lab Assignments	50
Quizzes	30
Final Exam	20
Extra Credit: Sections	1
Extra Credit: Labs for Fun	3
Extra Credit: Surveys	1

NOTE: Please note that all assignments (due, late, extended, etc.) should be submitted BEFORE the final week. Late assignments are not accepted during or after the final week.

NOTE: To contact the instructor, please use the Google email **mlarissa@ucsc.edu (mailto:mlarissa@ucsc.edu)** instead of the Canvas email.

NOTE: To subscribe to zyBooks, do the following steps:

1. Sign in or create an account at **learn.zybooks.com** ⤷ **(http://learn.zybooks.com)**
2. Enter zyBook code: UCSCCSE20MunishkinaSummer2024
3. Subscribe

NOTE: All lectures will be recorded and available on YuJa.

Instructor:	Larissa (Lara) Munishkina (mlarissa@ucsc.edu)
Office Hours:	on Zoom, MF 4:30pm-5:30 pm **https://ucsc.zoom.us/j/3928413932** (https://ucsc.zoom.us/j/3928413932) passcode: python
Lectures:	MW 9:00 am - 12:30 pm online on Zoom Zoom meeting: **https://ucsc.zoom.us/j/96578751424** (https://ucsc.zoom.us/j/96578751424) passcode: python
TAs:	Ameyaa Biwalkar abiwalka@ucsc.edu Haofan Zheng hzheng6@ucsc.edu
TA Discussion Sections:	Ameyaa Biwalkar Zoom Meeting Online Meeting Id: 793 018 2245 **https://ucsc.zoom.us/my/ameyaabiwalkar?pwd=OEptNURWN1dLMTBNOFhwL3FScGdRUT09** (https://ucsc.zoom.us/my/ameyaabiwalkar?pwd=OEptNURWN1dLMTBNOFhwL3FScGdRUT09) Passcode 333374 Discussion Sections : Tuesday, Wednesday, Thursday, Friday 7 pm to 9 pm Haofan Zheng Zoom Meeting Online

	Meeting ID: 974 5419 1889
	https://ucsc.zoom.us/j/97454191889?pwd=PRGhKj7KYxsIh0jbAjl2757kvfnGs7.1 ⤷ [(https://ucsc.zoom.us/j/97454191889?pwd=PRGhKj7KYxsIh0jbAjl2757kvfnGs7.1)](https://ucsc.zoom.us/j/97454191889?pwd=PRGhKj7KYxsIh0jbAjl2757kvfnGs7.1) Passcode 741994 Discussion Sections: Monday, Tuesday, Wednesday, Thursday 1:30 pm to 3:30 pm
TA Office Hours:	Ameyaa Biwalkar Office Hrs: Monday 7 pm to 9 pm Haofan Zheng Office Hrs: Tuesday and Thursday, 12:30 pm to 1:30 pm
LSS Tutors:	**Izaiah Lozano** Session Times: **Wed - 7:00 PM** **Sun - 12:00 PM** **Sun - 3:00 PM** **How to sign up -> [Sign-up Tutorial (https://lss.ucsc.edu/lss-tutor-hub/index.html)](https://lss.ucsc.edu/lss-tutor-hub/index.html)**
Tutors:	**Arthur Wei** Tutoring Schedule: Monday: 3PM-5PM

	Saturday: 3PM-5PM Zoom: **https://ucsc.zoom.us/my/aspen?pwd=QsdHyMIN5GGXA9fMAjt1OJYUloogaV.1&omn=93898752581** Password: Python Individual Signups: **https://calendar.app.google/6eK5wpmLFYytJp5C8** Availability Survey: **https://forms.gle/BkFwFTbcKCSbxw9r8**
Readers:	Arthur Wei **[hwei20@ucsc.edu (mailto:hwei20@ucsc.edu)](mailto:hwei20@ucsc.edu)**
Main Text:	**Introduction to Python Programming 1st Edition by Gowrishankar S and Veena A downloadable through UCSC Library as a full textbook [https://library.ucsc.edu/. (https://library.ucsc.edu/)](https://library.ucsc.edu/) You can download it from [Files/MainTextbook.pdf (https://canvas.ucsc.edu/courses/74264/files)](https://canvas.ucsc.edu/courses/74264/files)** **[CSE20 Colab Notebook (https://colab.research.google.com/drive/1vKb4G5lblibSh-IEtRMGbj34TJiE_dSg?usp=sharing)](https://colab.research.google.com/drive/1vKb4G5lblibSh-IEtRMGbj34TJiE_dSg?usp=sharing)** **[learn.zybooks.com (http://learn.zybooks.com/)](http://learn.zybooks.com/)** **[(http://learn.zybooks.com/)](http://learn.zybooks.com/)**
Optional Books:	1. **[How to Think like a Computer Scientist: Interactive Edition (https://runestone.academy/ns/books/published/thinkcspy/index.html)](https://runestone.academy/ns/books/published/thinkcspy/index.html)** 2. **[(https://runestone.academy/ns/books/published/thinkcspy/index.html)](https://runestone.academy/ns/books/published/thinkcspy/index.html) Think Python, 2nd edition – Green Tea Press [(https://greenteapress.com/wp/think-python-2e/)](https://greenteapress.com/wp/think-python-2e/)** 3. **[Python Crash Course, 2nd Edition: A Hands-On, Project-Based Introduction to Programming (https://www.amazon.com/Python-Crash-Course-2nd-Edition/dp/1593279280)](https://www.amazon.com/Python-Crash-Course-2nd-Edition/dp/1593279280)** 4. **[Learning Python, 5th Edition (https://www.amazon.com/Learning-Python-5th-Mark-Lutz/dp/1449355730)](https://www.amazon.com/Learning-Python-5th-Mark-Lutz/dp/1449355730)**

5. **[Automate the Boring Stuff with Python, 2nd Edition: Practical Programming for Total Beginners](https://www.amazon.com/Automate-Boring-Stuff-Python-2nd/dp/1593279922)** ⬀ **(https://www.amazon.com/Automate-Boring-Stuff-Python-2nd/dp/1593279922)**
6. **[Python for Everybody: Exploring Data in Python 3](https://www.amazon.com/Python-Everybody-Exploring-Data-ebook/dp/B01IA5VIFM)** ⬀ **(https://www.amazon.com/Python-Everybody-Exploring-Data-ebook/dp/B01IA5VIFM)**
7. ⬀ **(https://www.amazon.com/Python-Everybody-Exploring-Data-ebook/dp/B01IA5VIFM) Wiki Python Programming** ⬀ **(https://en.wikibooks.org/wiki/Python_Programming)**

Main Online Resources:	
Canvas webpage:	**https://canvas.ucsc.edu/courses**
Colab webpage	**[CSE20 Colab Notebook](https://colab.research.google.com/drive/1vKb4G5lblibSh-IEtRMGbj34TJiE_dSg?usp=sharing)** ⬀ **(https://colab.research.google.com/drive/1vKb4G5lblibSh-IEtRMGbj34TJiE_dSg?usp=sharing)**
SOE webpage:	**[https://courses.soe.ucsc.edu/courses/cse20](https://courses.soe.ucsc.edu/courses/cse20/Spring22/04)**
UCSC Unix timeshare:	*yourCruzID@*<u>unix.ucsc.edu</u> **https://its.ucsc.edu/unix-timeshare/index.html**
Additional Online Resources:	**[Welcome To Colaboratory - Colaboratory (google.com)](https://colab.research.google.com/)** ⬀ **(https://colab.research.google.com/)** **https://www.w3schools.com/python** ⬀ **(https://www.w3schools.com/python)** ⬀ **(https://www.w3schools.com/python) https://www.learnpython.org** ⬀ **(https://www.learnpython.org/)** ⬀ **(https://www.learnpython.org/) https://docs.python.org/3/tutorial** ⬀ **(https://docs.python.org/3/tutorial)** ⬀ **(https://docs.python.org/3/tutorial) https://docs.python.org** ⬀ **(https://docs.python.org/)** ⬀ **(https://docs.python.org/) http://www.ee.surrey.ac.uk/Teaching/Unix** ⬀ **(http://www.ee.surrey.ac.uk/Teaching/Unix)**

GRADING

The final grade will be calculated according to the following schema:

Lab Assignments	50
Quizzes	30
Final Exam	20
Extra Credit: Sections	1
Extra Credit: Labs for Fun	3
Extra Credit: Surveys	1

You can calculate your own grade:

All assignments have points, and you can obtain 1000 points in total (without extra credits).

Letter grades are assigned according to the following schema:

A+	97.5 (more or equal to 975 points)
A	92.5
A-	90.0
B+	87.5
B	82.5
B-	80.0
C+	77.5
C	72.5
C-	70.0
D+	67.5
D	62.5
D-	60.0
F	0

Late Policy. Please note that all assignments have a due date. Assignments can be submitted late (up to one week) with penalty. The late penalty is 5 percent per day for all late assignments. Missing assignments will receive zero points.

Late Enrollment. Please note that there are no accommodations for late enrollment: It is up to you to join the class late and catch up with the assignments.

Quizzes. There will be five quizzes; however, one quiz with the lowest score will be dropped from the final grade calculation. Quizzes will be administered every other week and should take around 40 minutes to complete. If you have special accommodations, please contact me, and I can schedule a quiz at a different time.

Final Exam. The final exam will be on Wednesday, July 24 at 9 am - 12 pm on Zoom:

https://ucsc.zoom.us/j/96578751424 (https://ucsc.zoom.us/j/96578751424)

passcode: python

If you are ill or have an unexpected family emergency, you must notify the instructor as soon as possible and before the examination day. Otherwise, you may have a zero grade on your exam.

Labs. You will have **ten** lab assignments. The main purposes of lab assignments are to learn Python libraries and packages and to prepare you for quizzes and final. Lab assignments should be completed and submitted on zyBooks.

Academic Integrity Policy. Academic integrity is the cornerstone of a university education. Academic dishonesty diminishes the university as an institution and all members of the university community. It tarnishes the value of a UCSC degree. All members of the UCSC community have an explicit responsibility to foster an environment of trust, honesty, fairness, respect, and responsibility. All members of the university community are expected to present as their original work only that which is truly their own. All members of the community are expected to report observed instances of cheating, plagiarism, and other forms of academic dishonesty in order to ensure that the integrity of scholarship is valued and preserved at UCSC.

In the event a student is found in violation of the UCSC Academic Integrity policy, he or she may face both academic sanctions imposed by the instructor of record and disciplinary sanctions imposed either by the provost of his or her college or the Academic Tribunal convened to hear the case. Violations of the Academic Integrity policy can result in dismissal from the university and a permanent notation on a student's transcript.

For the full policy and disciplinary procedures on academic dishonesty, students and instructors should refer to the **Academic Integrity page** (https://www.ue.ucsc.edu/academic_misconduct) at the Division of Undergraduate Education.

Accommodations and External Help. UC Santa Cruz is committed to creating an academic environment that supports its diverse student body. If you are a student with a disability who requires

accommodations to achieve equal access in this course, please submit your Accommodation Authorization Letter from the Disability Resource Center (DRC) to me privately by email or during my office hours within the first two weeks of the quarter. At this time, I would also like us to discuss ways we can ensure your full participation in the course. I encourage all students who may benefit from learning more about DRC services to contact DRC by phone at 831-459-2089, or by email at **drc@ucsc.edu (mailto:drc@ucsc.edu)** .

Small Group Tutoring. Small Group Tutoring (SGT) supports students academically to advance educational equity by designing inclusive learning environments outside of the classroom. SGT is open to all students enrolled in the class and they must sign up on online system: TutorTrac. You can sign up using this link: **https://ucsc.go-redrock.com/tracweb40.** ⬀ **(https://ucsc.go-redrock.com/tracweb40/NoAccess.4sp?errText=insufficient%20credentials%20to%20view%20content)** You can also find the link on the website: **https://lss.ucsc.edu/index.html. (https://lss.ucsc.edu/index.html)**

Title IX. The university cherishes the free and open exchange of ideas and enlargement of knowledge. To maintain this freedom and openness requires objectivity, mutual trust, and confidence; it requires the absence of coercion, intimidation, or exploitation. The principal responsibility for maintaining these conditions must rest upon those members of the university community who exercise most authority and leadership: faculty, managers, and supervisors. The university has therefore instituted a number of measures designed to protect its community from sex discrimination, sexual harassment, sexual violence, and other related prohibited conduct. **Information about the Title IX Office (http://titleix.ucsc.edu/)** , the **online reporting link** ⬀ **(https://ucsc-gme-advocate.symplicity.com/public_report/index.php/pid681212?)** , applicable campus resources, reporting responsibilities, the **UC Policy on Sexual Violence and Sexual Harassment** ⬀ **(https://policy.ucop.edu/doc/4000385/SVSH)** , and the UC Santa Cruz Procedures for Reporting and Responding to Reports of Sexual Violence and Sexual Harassment can be found at **titleix.ucsc.edu (http://titleix.ucsc.edu/)** . The Title IX Office is actively responding to reports and requests for consultation. If you are not currently working with someone in the office and want to make a report/request a consult, you can expect the fastest response by using our **online reporting link.** ⬀ **(https://ucsc-gme-advocate.symplicity.com/public_report/index.php/pid304388?)** For more information please visit the **Title IX Operations under Covid-19 (https://titleix.ucsc.edu/about/titleix-covid19.html)** page.