CSE 20
Beginning Programming in Python
Spring 2020

Description:
Provides students with Python programming skills and the ability to design programs and read Python code. Topics include data types, control flow, methods and advanced functions, built-in data structures, and introduction to OOP. No prior programming experience is required. Students may not receive credit for CSE 20 after receiving credit for CSE 30. (Formerly CMPS 5P, Introduction to Programming in Python.)

Days and Times: TTh 11:40am- 1:15pm   via Zoom
Class Webpage: https://classes.soe.ucsc.edu/cse020/Spring20/

Instructor: Patrick Tantalo http://www.soe.ucsc.edu/~ptantalo/
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Office Hours: WF 11:00am-2:00pm   via Zoom
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Required Text:
> *Think Python* (2nd edition) by Allen B. Downey. O'Reilly 2012.
> https://greenteapress.com/wp/think-python-2e/

Recommended Texts:
> *Introducing Python* (2nd edition) by Bill Lubanovic. O'Reilly 2019.
> https://proquest-safaribooksonline-com.oca.ucsc.edu/book/programming/python/9781492051374
>
> *Python in a Nutshell* (3rd edition) by Martelli, Ravenscroft & Holden. O'Reilly 2017.
> https://proquest-safaribooksonline-com.oca.ucsc.edu/book/programming/python/9781491913833

Coursework:
> 70% Programming Assignments (8): Due at roughly 7 day intervals
> 30% Quizzes (5): Tuesdays 4/14, 4/28, 5/12, 5/26 and Monday 6/8

Grading scale:

A+	97.0% - 100%
A	93.0% - 96.9%
A-	90.0% - 92.9%
B+	87.0% - 89.9%
B	83.0% - 86.9%
B-	80.0% - 82.9%
C+	76.0% - 79.9%
C	70.0% - 75.9%
C-	67.0% - 69.9%
D+	64.0% - 66.9%
D	61.0% - 63.9%
D-	58.0% - 60.9%
F	0% - 57.9%

Accommodations for Students with Disabilities

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 by email, preferably within the first two weeks of the quarter. 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. See also https://drc.ucsc.edu/.

Academic Honesty:

The Baskin School of Engineering has a zero tolerance policy for any incident of academic misconduct.   If cheating occurs, consequences may range from getting zero on a particular assignment to failing the course. In addition, every case of academic misconduct is referred to the students' college Provost, who sets in motion an official disciplinary process. Cheating in any part of the course may lead to failing the course, suspension or dismissal from the Baskin School of Engineering, or from UCSC.

What is cheating? In short, it is presenting someone else's work as your own. Examples include copying another students' homework, programming assignment, or exam solution; allowing your own work to be copied; or in any way facilitating misconduct by others. You may discuss programming projects with fellow students, but your collaboration must be at the level of *ideas* only. You may freely give and receive help on the UCSC computer facilities, code editors and IDEs, the UNIX operating system, and on the proper use and syntax of the Python programming language. You may also freely use any *example code* posted by me on the class webpage. However, you may not *copy*, *paste*, *email*, *transfer* or *share* in any way the *source code* for projects in this class.

Go to https://www.ue.ucsc.edu/academic_misconduct to see the University's official policy on Academic Misconduct.