

CIS 40 Intro to Programming in Python Syllabus

Instructor: Alexandre Veselinov Stoykov
Email: stoykovalexandre@fhda.edu (Subject Python)
Units: 4.5 units
Location: Online at <https://deanza.instructure.com/>
Class Time: Asynchronous
Office Hours: Monday, 2pm – 3:40pm

Advisory: EWRT 211 and READ 211, or ESL 272 and 273; MATH 114 or equivalent.

Catalog Description: A hands-on introduction to computation through programming and problem solving. Using the popular Python programming language, students will learn software engineering concepts and basic programming constructs while creating graphical applications.

Student Learning Outcomes: Design, code, document, analyze, debug, and test introductory level Python programs

Attendance Policy: Your attendance will be measured by the work that you do. To be attending - you need to do the assignments listed in each week. If you fail to upload more than two weeks of class assignments you may be dropped.

Assignments: All assignments including the class syllabus (this) will be stored on the Canvas page on <https://deanza.instructure.com/>. Your grade is based upon the assignments, Test and Final Exam that you completed.

Due Dates: All assignments are due by the end of the week when they were assigned. For example, Week 1 assignments are to be turned in by the end of Sunday of Week 1.

Regrades & Feedback: Assignments can be fixed and resubmitted for up to full credit. If any assignment is missing points, please refer to the feedback that I have left for it. My feedback will explain what was wrong, so that you can correct and resubmit the assignment for full credit (one regrade per assignment max).

Drop Policy:

1. I may drop a student that has not submitted any work for over 2 weeks.
2. I must drop a student that has not done any work by the end of week 1.
3. You are responsible for dropping this class if you think that you cannot complete it!
4. Please refer to the De Anza Academic Calendar for the last day to drop with a 'W'

Course Grading Method

This class will be graded according to the following method:

A = 90% - 100% | B = 80% - 89 % | C = 70% - 79% | D = 60% - 69 % | F = 0% - 59 %

Student Responsibilities: You are expected to keep up with the assignments and will need to spend up to 10hrs per week working on this class. If you disappear and stop turning in assignments, you will fail or I may drop you.

Keep up with the class work: Do not fall behind with the assignments. What you learned in week 1 will be used in Week 2 and so on. If you procrastinate, you will soon be lost. Plan to log on the class each week read and watch the posted material, and complete the posted assignments.

Getting help: The quickest way to get help is to message me on Canvas. I will get back to you within 24 hours on weekdays. If you don't hear back from me in over 48 hours, please resend me your question. If you have a questions about a programming assignment, attach your program (.py file) and show me what you have done or what error(s) you are getting if you need help fixing your assignments.

Texts & Materials: There is no required textbook, the class web page is your textbook. I have posted several lecture notes and videos with examples that will help you do the assignments. You can save a lot of time if you watch the videos and read the notes posted on the class page.

Required software: You can obtain a free copy of Python compiler from <https://www.python.org/download/> . We will use Python version 3.

Required Equipment: You will need a Windows or Mac computer to write your Python programs. Tablet, Smartphone or Chromebook will not work. If you are up to it, feel free to use a Linux computer.

Drops: If you stop attending class, it is your responsibility to drop the class or you will get an "F".

Special needs: If you have special needs such as hearing problem, visual problems, or other needs, please let me know and I will work with you to assist you.

Academic Integrity: Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism can result in getting a zero for the assignment, getting an F in the class, or being reported to administration.

Course Contents:

Week 01	Comment, Variable and IO
Week 02	Selection (if / elif / else)
Week 03	Practice with Selection
Week 04	Repetition (for, while)
Week 05	List, String and Random
Week 06	Functions
Week 07	Midterm Review
Week 08	Midterm
Week 09	Files I/O
Week 10	Dictionary
Week 11	Classes and OOP
Week 12	Final Exam