**DE ANZA COLLEGE Fall 2022**

**CIS 41A 02Y – Python Programming**

Mon, Wed 11:30-1:20pm AT 205

**Instructor** Clare Nguyen

**Office Hour** Mon, Wed: 2:30-3:20pm, AT 203 Lab  
 Tue, Thu: 5:00-5:50pm, through Zoom

**Phone** (408) 864-8461

**Email** [**nguyenclare@fhda.edu**](mailto:nguyenclare@fhda.edu) (best way to reach me outside of class time and office hour)

**Textbook** *Python for Everyone* by Horstmann / Necaise, ISBN: *978-1-119-05655-3*

The textbook is recommended but not required.

**Class website** Canvas: https://deanza.instructure.com

**Student Learning** Design, code, document, analyze, debug, and test introductory level Python programs that include

**Outcome** Python modules.

**Course Topics** Upon completion of the course, students will have learned the following concepts:

* Data types, including data structures and comprehensions
* Standard and file input / output
* Expressions, built-in functions, selection, repetition
* User-defined functions, modular programming, functions as first class objects
* Modules and packages
* User-defined classes and object oriented design
* Exception handling
* Regular expression
* Iterator, generator

**Attendance** This is a hybrid course that has class meetings on campus for discussion of the class exercise, lab assignments, and exams. The rest of the class work is online.

Regular and punctual attendance at the class meetings is highly recommended. But if you cannot make it to a class meeting, the solution discussed in class will be posted on Canvas so you can use them to study.

For the first day of class: it is important that you are present in class for roll call, *and* you log in to Canvas and *take the Check Quiz by the end of the first day of class* to keep your spot in the class. Those who do not complete the Check Quiz by the end of the first day will be dropped from the class.

Once you've enrolled in class, if you wish to drop the class, it is *your responsibility to drop the class before the last day to drop.* Otherwise, an appropriate grade will be assigned at the end of the quarter.

**Scholarly conduct** Discussion and exchange of ideas on lab assignments are strongly encouraged. However:

* + - Each person is expected to complete his/her own original work. Original work means it must not be copied in whole or in part from another person's work, or from an online source or a printed source.
    - Please do not post your assignments online anywhere. If someone saw your work online and copied it to turn it in, then even if you don't know about it, you are automatically counted as part of the cheating party.

Identical or very similar solutions will be given a zero grade, unless it's part of teamwork.

Copying or cheating during an exam will result in a zero being assigned to the test grade to all parties involved.

**The 3 components of regular class work**

1. Course materialThere are 6 modules of class material

* The class notes for each module are in power point format.
* In addition, there are practice exercises for each module. The practice exercises demonstrate the concepts covered in the lecture notes. You don't need to turn in the practice exercises, but doing them can earn you extra credit and will prepare you for the assignment.

2. QuizzesThere are 5 quizzes, one for each of the first 5 modules, 3 to 5 points each.

* The quiz questions are from Codelab, a programming practice website.
* There is no make up for the quiz because the solution is released as soon as the quiz is closed.

3. Assignments There will be 6 lab assignments, one for each module, 20, 22, or 25 points each.

1. You must submit an assignment *by its due time/date* to be considered on time. Partial credit will be given for incomplete assignments.
2. If you cannot submit an assignment on time, then the first day late is 40% point deduction, and subsequent late days are each 20% point deduction. Only weekdays count toward late days. This means:  
   - if an assignment is due Tues 11:59pm, then Wed 12am – 11:59pm is considered one day late and is 40% off, Wed 12am – 11:59pm is 2 days late and is 60% off, etc.  
   - if an assignment is due Sat 11:59pm, then Sun 12am – Mon 11:59pm is considered one day late because Sun doesn’t count toward a late day.

**Exams** There are 2 midterms and 1 final.

* All exams areon campus.
* Open book / notes.
* There is no make up for the exams. If you must miss a midterm, the score of the next exam will be counted twice, to cover for the missed exam, *if there is proof of emergency reasons or prior approval*.
* You must pass the final exam in order to pass the class, and there is no early or late final exam taking.

**Extra Credit** There is extra credit throughout the quarter, for 1-2 points each.

They are either extra work on a lab assignment or work done in class.

**Grading** Grading is based on the percentage of the total points obtained:

Lab assignments: 129 points (3 labs at 20 pts, 2 labs at 22 pts, 1 lab at 25pts)

Quizzes 21 points (3 quizzes at 5 pts, 2 quizzes at 3 pts)

Midterm: 160 points (2 midterms)

Final: 100 points

Total: 410 points

A+: 97-100% B+: 87-89% C+: 77-79% D+: 67-69%

A : 93-96% B : 83-86% C : 70-76% D : 63-66% F : 0-59%

A- : 90-92% B- : 80-82% D- : 60-62%