CIS 22A Beginning Programming Methodologies in C++

Green sheet - Syllabus - Fall 2022

4 hours meet on-line using Zoom at the scheduled times. Attendence is
required for the first meeing and for exams, and is generally expected
at other class meetings.
1 1/2 hours "meet" on your own machine at a time of your choosing.
Homework is also largely done on your own machine.
Please ask questions during Zoom sessions during class meetings and my
office hours.

Instructor:

Dr. Ira Oldham
For administrative matters, please send an e-mail to my administrative
address. My email address given in CIS Faulty list
<http://www.deanza.edu/cis/faculty.html>
Ask Python questions during the class meetings time for this class, or
during my office hour.

Units: 4 1/2 quarter units (= 3 semester units)

The meetings in Zoom may change dynamically in Canvas
Fixed schedule items that are not in Zoom are found in Schedule
<http://voyager.deanza.edu/~oldham/cis22a-cpp/info/schedule.html>

Class meets in Zoom:

Monday and Wednesday 1:30 - 3:20 PM
Different schedule during finals week.

Office hours in Zoom:

Monday   3:35 PM - 4:25 PM
Tuesday   5:35 PM - 6:25 PM
Wednesday   3:35 PM - 4:25 PM
Thursday   5:35 PM - 6:25 PM
Friday   none

Description from Catalog:

The fundamental constructs of programming and introduces the concept of
object oriented programming is covered in the course. Its primary
objective is to teach problem solving using the C++ programming
language. Emphasis will be placed on structured procedural programming
with an introduction to object-oriented programming. Designed primarily
for computer science and related transfer majors.

Student Learning Outcome Statements (SLO)

* Student Learning Outcome: Design solutions for introductory level
    problems using appropriate design methodology incorporating
    elementary programming constructs.
  * Student Learning Outcome: Create algorithms, code, document, debug,
    and test introductory level C++ programs.
  * Student Learning Outcome: Read, analyze and explain introductory
    level C++ programs.

        Advisory preparation:

Mathematics 114 or equivalent
One of the following choices:
    English Writing 211 and Reading 211 OR
    English as a Second Language 272 and 273

Students may receive credit for either:
    Computer Information Systems 22A and Computer Information Systems
22B/22BH OR
    Computer Information Systems 27, but not both.

        Section:

05Z

        Course Registration Number (CRN):

21716

        Attendance and assignment during the first two weeks

To avoid being dropped by the instructor as a "no-show" you must
paraticipate at the beginning of the class. You must do the folling by
Friday of the second week.

  * Attend class and answer roll.

If you or the instructor drop your enrollment during the first two
weeks, no grade is recorded.

        Mantaining enrollment after the first two weeks

Attendance at exams at the scheduled times is required.

If you are more than one week behind turning in an assignment you are
expected to attend class and get help catching up. Otherwise if you are
more than one week behind the instructor can withddraw your enrollment.
You may withdraw your enrollment before the last date to submit a
withdraw. You will receieve a grade of W if either you or the instructor
withdraw your enrollment.

        Text - Workbook

The text-Workbook is avalable in Canvas at no cost to the student, do NOT buy it.

If you want a regular text book you might onsider this one, but it is NOT required.

Starting out with C++, From Control Structures through Objects
by Tony Gaddis
Addison-Wesley / Pearson
Sixth, Seventh, Eighth, or Ninth edition:

        Work required

15 hours per week

        Grading:

Text-Workbook in canvas   10%
CodeLab exercises   10%
Assignments   40%
Examinations   40%

Assignments are due at the end of the class meeting.
Late work is marked down 1% per day that it is late.
Do not get behind in your assignments. Life is busy, but having more work to do later will not help.
If you are ill or have other difficulties, discuss possible reduction of the markdown.

Grade average required:

 A+   98 through 100
 A   92 through 97
 A-   90 or 91
 B+   88 or 89
 B   82 through 87
 B-   80 or 81
 C+   78 or 79
 C   70 through 77
 C-   is not permitted
 D+   68 or 69
 D   62 through 67
 D-   60 or 61
 F+   is not permitted
 F   59 or less
 F-   is not permitted

        The De Anza College Academity Integrity requirements are given at
        http://www.deanza.edu/policies/academic_integrity.html
        <http://www.deanza.edu/policies/academic_integrity.html>

During an examination do not look at anyone else's work, do not look at any soures of information that are not specifically allowed for that examination, and do not communicate with others in any way.

All programming assignments are expected to be your own original code.

Never give a soft copy or a hard copy of any lab assignment to another classmate or post it on the Internet where it is accessible to other students. Any copied assignments will be rejected and/or substantially marked down, if you wrote the code that was copied or you copied the code from some source or if you and someone else wrote the code jointly.

Academic Integrity is required. Violation of any of the above requirements, or any other academic integrity violation, usually results in a grade of 2 for the work, but may result in other actions speified by the college.

Computer Information Systems laboratory

You may work at home. CIS students may work laboratory when it is open. The CIS laboratory in room ATC 203 in the Advanced Technology.

Administrative actions:

These are your responsibility.
You must meet any deadlines specified in the Schedule of Classes. If you add the course, you must get an add code from me, and submit it to the administration. If you want a credit/no credit grade, you must file the form with the administration. If you are unable to complete the class, it is your responsibility to complete the withdraw processing. *If you miss an examination, or are more than one week late in your assignments, your enrollment might or might not be withdrawn by me. * Notify me if you are more than one week late in assignments. Contact me a week or two in advance, if you must miss a scheduled examination.

Disability accommodations:

Students with physical or psychological disabilities should contact Disability Support Services. Disability Support Services is located in the Registration and Student Services building, room RSS 141, (408) 430-7681.

Return to:

CIS 22A Class page
<http://voyager.deanza.edu/~oldham/cis22a-cpp/index.html>