

CIS 22A Beginning Programming Methodologies in C++

Green sheet - Syllabus - Winter 2023

4 hours meet on-line using Zoom at the scheduled times. Attendance is required for the first meeting and for exams, and is expected at other class meetings.

Lab meetings are 1 1/2 hours 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 Faculty list](#)

Ask C++ questions during the class meetings time for this class, or during my office hour.

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

Class meets in Zoom:

Monday and Wednesday 1:30 - 3:20 PM

Different schedule during finals week.

Fixed schedule items that are not in Zoom are found in [Schedule](#)

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):

32254

Attendance and assignment during the first two weeks

To avoid being dropped by the instructor as a "no-show" you must participate in the first class meeting and answer roll. You must do the following 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.

Maintaining 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 is likely to withdraw your enrollment. You may withdraw your enrollment before the last date to submit a withdraw. You will receive a grade of W if either you or the instructor withdraw your enrollment.

Text - Workbook

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

If you want a regular text book you might consider 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%

Final examination counts 1.5 times as much as a mid-term examination

Assignments are due at the end of the class meeting.

Late work may be 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 Academy Integrity requirements are given at

http://www.deanza.edu/policies/academic_integrity.html

During an examination do not look at anyone else's work, in person or on linne, 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.

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