

# CIS 22A Beginning Programming Methodologies in C++

## Green sheet - Syllabus - Witer 2024

Four hours of class meetings are online using Zoom at the scheduled times.  
Attendance in Zoom is expected, as it would be in a classroom meeting.  
Lab times are 1 1/2 hours at a time of your choosing.  
Homework can be done on your own machine or in the CIS lab on campus.  
Please ask questions during Zoom sessions in 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.

**Detailed scheduled items within each week 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:

This course covers the fundamental constructs of programming and introduces the concept of object-oriented programming. 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.

### Transferability

Transferable to both UC and CSU

**Advisory preparation:**

Intermediate algebra or equivalent (or higher), or appropriate placement beyond intermediate algebra

One of the following choices:

eligibility for EWRT 1A or EWRT 1AH or ESL 5

English as a Second Language 272 and 273

English as a Second Language 472 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.

**Student Learning Outcomes (SLO)**

- Design solution, create algorithms, code in C++, document, debug, and test program for an introductory level program using appropriate design methodology incorporating elementary C++ programming constructs.
- Read, analyze and explain introductory level C++ programs.

**Section:**

05Z

**Course Registration Number (CRN):**

32254

**Text - Workbook**

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

**Attendance**

**Maintaining enrollment 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 attend during the first two weeks

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 is required

Attendance at exams at the scheduled times is required. Otherwise the instructor is likely to withdraw your enrollment.

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.

### **Work required**

15 hours per week

### **Grading:**

zyBooks Text - Workbook	10%
CodeLab exercises	10%
Assignments	40%
Examinations	40%

Some grade consideration can be given for participation.

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 Academic 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, in person or online, 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 specified 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.

### **Links to some key student support web sites:**

[Computer information systems](#)

[Student success center](#)

[Disability support services](#)

**Return to:** [CIS 22A Class page](#)