

CIS 22A - Beginning Programming Methodologies in C++

Instructor Clare Nguyen
Office Hours MW: 9:00 – 9:20am and TTh: 8:30 – 9:20am, Bldg F510 (near parking lot C)
MW: 10:45 – 11:15am, AT 203 Lab
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Text *Starting Out with C++: From Control Structures through Objects*
8th edition, by Gaddis ISBN: 978-0133769395
(7th Edition is also okay)

Class Website <https://catalyst.deanza.edu/>

Student Learning**Outcome**

Upon completion of the course, students will be able to:

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

Attendance

This hybrid course has 4 lecture / lab hours per week on campus, in addition online reading, quizzes, and assignments

- It is expected that you read the online class notes *before* attending class
- During lecture time we will practice writing short code segments to see how they work. You will need to be present in class to get the solution for the class exercises.
- Lab assignments are posted online. You write programs on the school computer or your own, and you turn in a hard copy of your lab work to be graded. During lab time I will answer your individual or group lab questions
- Quizzes are online and are done on your own time

Regular and punctual attendance is expected. If you miss a class, you are still responsible for all announcements given out during the class.

In class, you are expected to pay attention, participate, not conduct personal conversations, and use the computer for class work only. Disruptive behavior is not tolerated, and any student with excessive disruptive behavior will be asked to leave and administrative follow-up may result. On the other hand, worthwhile contribution and regular attendance can positively affect your grade.

Once enrolled, 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 given at the end of the quarter.

Scholarly Conduct

Discussion and exchange of ideas on lab assignments are strongly encouraged. However, you should *do your own assignment* and make sure that you *understand the work that you turn in*. The questions on the exams will be similar to the homework questions, so the only way to earn a good grade on the exam is by putting in the time and effort to truly understand your assignments. The consequence of not doing your own homework will show up clearly in the exams.

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

- Lab Assignments** There are 8 lab assignments, worth 15 points each
- You must submit each lab assignment by 11:55pm on its due date on Catalyst to be considered on time. Partial credit will be given for incomplete labs.
 - If you cannot turn in the lab on time, you can submit in your lab after the due time, but it will be marked late by Catalyst. Late labs will receive a 20% per weekday penalty. If the lab is due on Tuesday at 11:55pm, then Tuesday 11:56pm to Wednesday 11:55pm is considered one day late.

- Quizzes** There are 8 quizzes, worth 5 points each
- All quizzes are online through Codelab
 - You must do your own work but you can use any printed or online resources
 - The solution will be shown as soon as the quizzes are closed, so there is no make up for the quizzes
 - The lowest quiz grade will be dropped

- Exams** There are 2 midterms and 1 final
- All exams are open book, open notes, but no electronic devices
 - You must pass the final exam in order to pass the class
 - Make up for the midterm will be allowed only with proof of emergency reasons or prior approval. Prior approval must be obtained at least the week before the scheduled exam, and the make up exam will be given *before* the scheduled exam. The final exam must be taken during the scheduled time, there is no early or late final exam taking.

Extra Credit There are short extra credit exercises that are done in class throughout the quarter
You must be present in class to earn the extra credit

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

Lab assignments: 120 points
Quizzes: 35 points (8 quizzes, lowest score dropped)
Midterms: 200 points (80 pts each)
Final: 150 points
Total: 505 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%	