CIS 22B – Intermediate Programming in C++

Instructor	Clare Nguyen
Office Hours	MW: 11:30 – 12:20pm AT 203 Lab
	TTh: 9:00 - 9:20am Bldg. F5 (near parking lot C)
	TTh: 10:45 - 11:20am AT 204 Classroom
Phone	(408) 864-8461
Email	nguyenclare@fhda.edu (best way to reach me outside of class time)

Textbook   *Starting Out With C++ From Control Structures through Objects,* 7th Edition
by Gaddis   ISBN: 978-0-13-257625-3

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

Student Learning Outcome

Upon completion of the course, students will be able to explain, write, and debug programs with:
- Arrays in one or more dimensions
- Sorts and searches
- Memory management functions and pointer arithmetic
- C strings and C++ String
- Structures
- Classes
- Inheritance hierarchies and object oriented design
- Linked lists

Attendance

You are expected to attend class on a regular basis on Mondays and Wednesdays for lecture and lab.
- You should read the online class notes *before* getting to class in order to prepare for the coding exercises during lecture.
- During lecture time, the class will work on coding exercises and you must be present in class in order to get the solution for the exercises.
- During lab time I will answer lab questions, return labs, and go over lab solution.
- In class you are expected to participate, not conduct personal conversation, and use the computer for class work only.

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 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 computer work. Identical solutions will be given a zero grade for all parties.
Copying or cheating during an exam will result in a zero being assigned to the test grade for both parties.

Lab Assignments There will be 7 assignments, corresponding to the 7 modules of lecture
- Each assignment is submitted on Catalyst and is 20 points; partial credit will be given for incomplete assignments.
- You must submit the assignment *by 11:55pm* on its due date to be on time.
- If you cannot submit the assignment on time, late assignments will be accepted. Assignments submitted after the due date will have a 20% *per weekday* penalty. If the assignment is due at 11:55pm on a Monday, then from 11:56pm Monday to 11:55pm Tuesday is 1 day late, and so on.

Quizzes There is an online Codelab quiz at the end of each module
- You should take the quiz when you are done with the reading and the class exercise, but before the quiz is closed.
- The quiz solution will be released as soon as the quiz closes, so *there is no make up for the quizzes*. It is recommended that you set your computer / phone to remind you to take the quiz.
- The lowest quiz score will be dropped.

Exams There will be 2 midterms and 1 final.
- All exams are open book, open notes, but no calculator or other electronic devices.
- 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 makeup 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 is extra credit throughout the quarter; typically they are additional work in an assignment or they are done as an exercise in class.

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

Assignments:	140 points (20 pts, 7 assignments)
Midterms:	200 points (100 pts, 2 midterms)
Quizzes:	30 points (7 quizzes, lowest score dropped)
Final:	150 points
Total:	520 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%	