GLENDALE COMMUNITY COLLEGE
BUSINESS DIVISION

COURSE OVERVIEW FOR

CS/IS 135 - PROGRAMMING IN C/C++

Instructor:	Zare Agazaryan
Ticket #:	1212 & 1213
Semester:	Spring 2024
Room:	N/A
Class Days/Hours:	Online
Office Hours:	To Be Announced in Canvas (via Zoom)
Telephone:	(818) 240-1000
Email Address:	zarea@glendale.edu
Website:	http://www.agazaryan.com/csis135.html
HyperGrade Code:	10935
Tutor(s):	N/A
SI:	N/A

Course Description

CS/IS 135 is a course in programming using the C/C ++ languages, with uses in applications programming for real time, business, and image processing systems as well as systems programming. Types, operators, control flow functions, object-oriented programming, classes, data abstraction, and program structure pointers and arrays are covered in the programming assignments.
Transfer Credit: CSU, UC, USC.

Prerequisites:

CS/IS 112 - Introduction to Programming Using Java or equivalent

Disabled Students

All students with disabilities requiring accommodations are responsible for making arrangements in a timely manner through the Center for Students with Disabilities.

Textbook and Supplies

Required

Starting Out with C++ from Control Structures to Objects
10th edition
Published by Pearson (February 13, 2022) © 2021
Tony Gaddis, Haywood Community College
ISBN-13: 9780137450626

or

Starting Out with C++ from Control Structures to Objects
9th edition
Published by Pearson (February 16, 2017) © 2018
Tony Gaddis Haywood Community College
ISBN-13: 9780134498379

Attendance

Online attendance is checked by using students' online activities. Students are required to show positive attendance during the entire course.

DON'T GET DROPPED! Students are required to complete the first week check-in assignment in online classes. Also, students cannot miss more than two weeks' worth of assignments. Online assignments include at minimum weekly check-in assignments, lab-work, projects, and other programming assignments that are due EOD (end-of-day) Friday and Sunday respectively.

Attendance or participation is never measured by 'logging-in' or time spent in Canvas.

Make-up Policy

There are no make-up examinations, homework, etc. All students are required to take the midterm and final exams in order to pass the class. If a student can't comply with the assignment due dates, the student is required to make arrangements with the instructor one week or more before the assignment date.

Assignments that need to be submitted through Canvas have strict due date policies. Assignments that need to be submitted through HyperGrade also have strict due date policies. All students get a pool of 7 late days through HyperGrade, when they register for the class. These late days can be used to extend assignment due dates without penalty in 24-hour increments. Late days cannot be used for midterm and final examination assignments.

Examinations and Grading

Your final course grade will consist of a composite of the following:

Weekly Check-Ins	5%	Short paragraphs to summarize what you've learned during each week (Canvas)
Lab Programming Assignments	15%	Weekly (shorter or smaller) programming assignments (HyperGrade) due Friday
Multi-Phase Projects	25%	Weekly (longer or larger) programming assignments (HyperGrade) due Sunday
Midterm Exam	12.5%	Multiple-choice questions exam (Canvas)
Midterm Programming Assignment	12.5%	1 programming assignment to be completed within 24 hours (HyperGrade)
Final Exam	15%	Multiple-choice questions exam (Canvas)
Final Programming Assignment	15%	1 programming assignment to be completed within 24 hours (HyperGrade)

First Week Drop Policy

This instructor reserves the right to drop no-shows after the first week of the online classes, if no prior arrangements were made for the absence. See above "Attendance" section for details.

Academic Honesty Policy

This instructor follows the Glendale Community College Honesty Policy as listed in the *Glendale Community College Catalog* and the *Student Handbook* (free at Information Desk near Admissions). Students are, at all times, required to do their own work. No copying of other students' work, whether on a test or on routine classwork, is allowed at any time. Activities that are considered to be CHEATING include, but are not limited to, the following:

- Copying a programming assignment from another student and submitting as your own
- Talking, signing, texting, messaging, using any other electronic device, or otherwise communicating with another student during an exam
- Copying or attempting to copy answers to exam questions from another student.

Violation of any of these rules (i.e. cheating) could result in a lowering of the exam grade or the course grade (e.g. a "Fail"), and the violator's name and student I.D. number will be sent, with a description of the violation, to the Division Chair and to the Vice President of Instruction to be kept on record for future reference. The Dean of Student Activities may also be contacted for disciplinary action, if necessary.

ISSUES OR COMPLAINTS:

Please address any issues you may have that are related to this course *with me, your instructor*, either in person during my office hours (see above) or by e-mail. If you and I cannot resolve the issue, I will refer you to the division chair, Michael Scott, mscott@glendale.edu, 818-240-1000, ext. 5746, office location SG-152, or see Seda Melikyan in the Division Office, SR-311, ext. 5484, for an appointment.

Schedule of Classwork, Homework, Exams, and Other Activities

Schedule:

Week	*1*	-	*Mon, Feb 19, 2024*	- Washington Day - Campus closed
			Tue, Feb 20, 2024	- 1. Introduction to Computers and Programming 2. Introduction to C++
			Fri, Feb 23, 2024	
			Sun, Feb 25, 2024	- First Week Check-In Due
Week	*2*	-	*Mon, Feb 26, 2024*	- 3. Expressions and Interactivity
			Fri, Mar 1, 2024	-
			Sun, Mar 3, 2024	- Weekly Check-In Due
Week	*3*	-	*Mon, Mar 4, 2024*	- 4. Making Decisions
			Fri, Mar 8, 2024	- Lab #1 Due
			Sun, Mar 10, 2024	- Programming Project - Phase 1 Due, Weekly Check-In Due
Week	*4*	-	*Mon, Mar 11, 2024*	- 5. Loops and Files
			Fri, Mar 15, 2024	- Lab #2 Due
			Sun, Mar 17, 2024	- Programming Project - Phase 2 Due, Weekly Check-In Due
Week	*5*	-	*Mon, Mar 18, 2024*	- 6. Functions
			Fri, Mar 22, 2024	- Lab #3 Due
			Sun, Mar 24, 2024	- Programming Project - Phase 3 Due, Weekly Check-In Due
Week	*6*	-	*Mon, Mar 25, 2024*	- 7. Arrays and Vectors
			Fri, Mar 29, 2024	- Lab #4 Due
			Sun, Mar 31, 2024	- Programming Project - Phase 4 Due, Weekly Check-In Due
Week	*7*	-	*Mon, Apr 1, 2024*	- Cesar Chavez Day - Campus closed
			Tue, Apr 2, 2024	1st Half Review
			Fri, Apr 5, 2024	Lab #5 Due
			Sun, Apr 7, 2024	Programming Project - Phase 5 Due, Weekly Check-In Due
Week	***8***	-	***Mon, Apr 8, 2024***	
			Fri, Apr 12, 2024	- **Midterm Exam**
Week	*9*	-	*Mon, Apr 15, 2024*	
			Fri, Apr 19, 2024	Spring Break
			Sun, Apr 21, 2024	
Week	*10*	-	*Mon, Apr 22, 2024*	- 8. Searching and Sorting Arrays
			Wed, Apr 24, 2024	Armenian Genocide Remembrance Day - Campus closed
			Fri, Apr 26, 2024	Lab #6 Due
			Sun, Apr 28, 2024	Programming Project - Phase 6 Due, Weekly Check-In Due
Week	*11*	-	*Mon, Apr 29, 2024*	- 9. Pointers
			Fri, May 3, 2024	Lab #7 Due
			Sun, May 5, 2024	Programming Project - Phase 7 Due, Weekly Check-In Due
Week	*12*	-	*Mon, May 6, 2024*	- 10. Characters, C-Strings, and More about the string Class
			Fri, May 10, 2024	Lab #8 Due
			Sun, May 12, 2024	Programming Project - Phase 8 Due, Weekly Check-In Due
Week	*13*	-	*Mon, May 13, 2024*	- 11. Structured Data
			Fri, May 17, 2024	Lab #9 Due
			Sun, May 19, 2024	Programming Project - Phase 9 Due, Weekly Check-In Due
Week	*14*	-	*Mon, May 20, 2024*	- 12. Advanced File Operations
			Fri, May 24, 2024	Lab #10 Due
			Sun, May 26, 2024	Weekly Check-In Due
Week	*15*	-	*Mon, May 27, 2024*	- Memorial Day - Campus closed
			Tue, May 28, 2024	2nd Half Review
			Fri, May 31, 2024	
			Sun, Jun 2, 2024	Programming Project - Phase 10 Due, Weekly Check-In Due
Week	***16***	-	***Mon, Jun 3, 2024***	
			Fri, Jun 7, 2024	- **Final Exam**