

Instructor: Joe Bentley 831.332.6448 (< 9 pm)

Email: bentleyjoe@deanza.edu

Class Schedule: Lecture: M-Th 8:30 am - 9:20 pm Location: ATC 311

Online Time: Tu 7:00-8:15 pm

Office Hours: TTh 8:00-8:30 am Location: ATC 311

Course Description: An introduction to computer 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.

Requisites: (Students may receive credit for either (CIS 22A and CIS 22B/22BH) or CIS 27.) Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273; MATH 114 or equivalent.

Student Learning Outcomes:

- 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.

Textbook: (Required) Starting Out with C++: From Control Structures through Objects, 9th Edition by Gaddis

Assignments: There will be **eleven** assignments in the class. Each assignment is due at the **beginning** of the class session every Monday. Late assignments will be accepted for 24 hours after the due date and will be assessed 5 points. **Assignments must be completed individually. Assignments with compile errors or that crash will not be accepted.** Ten assignments will be used for your grade. Your assignment with the lowest grade will be discarded.

Lab Exercises: There will be 11 lab exercises assigned every Tuesday and due before the Wednesday lecture. Your exercise with the lowest grade will be discarded.

Attendance: You are responsible for all material covered in each class meeting. **Assignments and Lab Exercises are due on the dates specified, even if you are absent. Tests may be made up only by prior arrangement.**

Tests: There will be a midterm and a final. **If you are late for the test, you will not be permitted any extra time.**

Help from the Instructor: It is recommended that you take advantage of the online time, office hours, and email. The instructor can answer questions, assist with compiler problems, debug programs, and clarify assignments.

Academic Integrity: Students are required to follow the Academic Integrity guidelines (https://www.deanza.edu/policies/academic_integrity.html). Any student who participates in copying an assignment or test or uses work performed by someone else will receive a grade of 0 on that assignment or test.

Disability Support: Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to the DSS office in the Registration & Student Services Building (RSS) - Room 141 for information on eligibility and how to receive support services. You can also go online to <https://www.deanza.edu/dsps/> for additional information.

Grading Policy:

Programming Assignments	200	points	20 each	Points	Percent	Grade
Lab Exercises	50	"	5 each	360-400	90-100%	A
Midterms	50	"		320-359	80-89%	B
Final	100	"		280-319	70-79%	C
Extra Credit: Codelab	~10	points	prorated	240-279	60-69%	D
				Below 240	Below 60%	F
Total	400			+ or – added if within 2% of grade boundary		

You may be dropped from the class, if you discontinue attending or turn in less than half of the required assignments and exercises. It is your responsibility to withdraw by the end of the eighth week of classes.

CIS 22A

Class Schedule – Fall 2019 – Joe Bentley

Monday	Tuesday	Wednesday	Thursday	Read
9/23 Class Introduction	9/24 What is a compiler? A Simple program	9/25 A simple program continued <i>Lab Exercise 1 due</i>	9/26 A simple program continued	Chapter 1
9/30 Variables, types cout, cin <i>Assignment 1 due</i>	10/1 Identifiers Types, string class operators	10/2 Types Initialization, assignment <i>Lab Exercise 2 due</i>	10/3 Examples Putting it together	Chapter 2 Last date to: add 10/5
10/7 <i>Assignment 2 due</i>	10/8	10/9 <i>Lab Exercise 3 due</i>	10/10	Chapter 3
10/14 <i>Assignment 3 due</i>	10/15	10/16 <i>Lab Exercise 4 due</i>	10/17	Chapter 4
10/21 <i>Assignment 4 due</i>	10/22	10/23 <i>Lab Exercise 5 due</i>	10/24	Chapter 5
10/28 <i>Assignment 5 due</i>	10/29	10/30 <i>Lab Exercise 6 due</i>	10/31 MIDTERM	
11/4 <i>Assignment 6 due</i>	11/5	11/6 <i>Lab Exercise 7 due</i>	11/7	
11/11 VETERAN'S DAY No class <i>Assignment 7 due</i>	11/12	11/13 <i>Lab Exercise 8 due</i>	11/14	Chapter 6 Last date to withdraw 11/15
11/18 <i>Assignment 8 due</i>	11/19	11/20 <i>Lab Exercise 9 due</i>	11/21	
11/25 <i>Assignment 9 due</i>	11/26	11/27 <i>Lab Exercise 10 due</i>	11/28 THANKSGIVING No class	Chapter 7
12/2 <i>Assignment 10 due</i>	12/3	12/4 <i>Lab Exercise 11 due</i>	12/5	
12/9 <i>Assignment 11 due</i>		12/11 FINAL 7-9 am		