

CIS 22A Beginning Programming Methodologies in C++

Credit: 4.5 units

Instructor: Ed Ahrens, ahrensedward@fhda.edu

Days: Monday/Wednesday face to face 9:30 – 11:20

Online Lab: Section 06Y Mondays 12:30 – 1:45 ATC-203

Office Hours: Wednesdays 12:30 – 1:30 ATC-203

Student Learning Outcomes:

(1): Design solutions for introductory level problems using appropriate design methodology incorporating elementary programming constructs.

(2): Create algorithms, code, document, debug, and test introductory level C++ programs.

(3): Read, analyze and explain introductory level C++ programs.

Text: Solutions for Starting Out with C++: From Control Structures through Objects, 7th Edition by Gaddis

OR

Solutions for Starting Out with C++: From Control Structures through Objects, 8th Edition by Gaddis

Working Together: Working together on assignments is permitted. However, each person is expected to complete his/her own computer work. Identical work will receive a zero grade.

Scholarly Conduct: Please note, the DeAnza College Schedule, in the section titled “Academic Integrity,” states that the submission of work which is not the product of a student’s personal effort, or work which in some way circumvents the given rules and regulations, will not be tolerated. Any infraction of Academic Integrity will automatically result in a zero grade for the work, and may ultimately result in a failing grade for the course.

Advisory Preparation:

Mathematics 114 or equivalent

One of the following choices:

English Writing 211 and Reading 211 OR

Language Arts 211 OR

English as a Second Language 272 and 273

Policies:

1. Students may arrange for a Pass/No Pass grade option in Admissions and Registration Office
2. A 10% penalty will apply for late labs.
3. Make up exams may only be scheduled in advance, and only in exceptional circumstances.
4. Three unexcused absences may result in your being dropped from the class, however, it is the student’s responsibility to initiate the drop process

Evaluation: 430 Points: Lab Exercises
 50 Points: CodeLab exercises
 80 Points: Quizzes
 55 Points: Midterms
100 Points: Final Examination
 715 Points Available

Final grade:	<u>% of total points</u>	<u>Points</u>	<u>Grade</u>
	98% or above	701 or above	A+
	92% - 97%	658 - 700	A
	90% - 91%	644 - 657	A-
	88% - 89%	629 - 643	B+
	82% - 87%	586 - 628	B
	80% - 81%	572 - 585	B-
	78% - 79%	558 - 571	C+
	70% -77%	501 - 557	C
	Not Given		C-
	68% - 69%	486 - 500	D+
	62% - 67%	443 - 485	D
	60% - 61%	430 - 442	D-
	Not Given		F+
	below 60%	429 and below	F
	Not Given		F-

**Labs are submitted electronically, Through Catalyst, due on Friday by 6:00 of week assigned
 With the exception of the final lab, which is due the day of the final by 6:00**

CodeLab exercises, by week:

- Week 1** 60143, 60053, 60054, 60055, 60176, 60177, 60178, 60181, 60182, 60105
- Week 2** 60099, 10995, 60104, 10516, 60106, 60110, 10933, 10936, 10607, 60112, 10935, 10965
- Week 3** 60102, 60103, 10898, 10505, 11006, 10525, 10904, 10948, 10549, 11035, 11034, 11039
- Week 4** 10554, 10601, 10600, 10907, 10596, 10599, 11058, 10553, 10557, 10561, 10562, 10564
- Week 5** 10565, 11062, 10560, 10563, 11074, 10917, 10543, 10544, 10576, 11127, 10572, 10573
- Week 6** 10831, 10832, 10582, 10581, 11130, 10587, 10588, 11131, 11134, 11136, 60129, 60130
- Week 7** 11142, 11146, 10639, 10654, 10655, 11080, 10649, 10650, 10651, 10909, 10910, 10661
- Week 8** 10913, 10658, 10659, 10914, 10915, 11084, 11085, 11087, 10664, 10665, 10666, 11089
- Week 9** 11090, 10663, 11040, 11041, 11049, 11076, 11053, 11052, 10609, 10610, 10619, 10628
- Week 10** 10613, 10629, 10630, 10631, 10638, 10984, 10646, 10652, 10662, 10669, 10670, 10671,
- Week 11** 10632, 10633, 10634, 10635, 11193, 10552, 11189, 11186, 11188, 11190, 11191, 11192