- F18 CS F002A 03W Obj-Orient Prog Method In C++

What Is This Class All About?

This course is a systematic introduction to fundamental concepts of computer science through the study of the C++ programming language intended for Computer Science majors as well as non-majors and professionals seeking C++ programming experience. Coding topics include C++ control structures, objects, global-scope functions, class methods, arrays and elementary data structures. Concept topics include algorithms, recursion, data abstraction, problem solving strategies, code style, documentation, debugging techniques and testing. Advisory: Satisfactory score on the mathematics placement test or MATH 105 or 108.
To view the Student Learning Outcomes for this and other Computer Science courses, go to
http://www.fgamedia.org/faculty/loceff/cs_courses/common/slos/cs_slos_1.html (Links to an external site.)Links to an external site.

What Will You Need to Buy, Borrow or Get For Free?

I do not require any textbook. If you need an introductory level c++ book, I recommended the following textbook (any version is fine):
Author: Stroustrup
Title & Edition: Programming: Principles and Practice Using C++
You will also need access to a c++ compiler.

When Can You Get Help?

I am available by email, private message or discussion forum Monday through Friday. My office hours are online through Canvas (and Google Hangouts by request) on Tuesdays and Thursdays between 12:00PM-2:30PM.
You can also get help from your group or other class members by using the discussion forums as well. If you find that you need even more help, the PSME Center will have CS tutors at various times each day. The PSME Center is also the only place on main campus where students without their own computers can do their lab work. The schedule for the PSME Center and its tutors is at:
https://sites.google.com/site/foothillpsmecenter/home/psme-schedule (Links to an external site.)Links to an external site.

Can You Collaborate?

You can talk to friends and classmates about your work on the assignments. However, you should not give or receive completed code or you will receive a grade of 0 for the work. Any and all collaboration should be documented in your submission. See the style guidelines section on attribution (Links to an external site.)Links to an external site. for details on how to do this.

What Is The Honor Code Policy?

Please refer to your schedule for College Policies concerning the Academic Honor Code found here:
http://www.foothill.edu/services/honor.html (Links to an external site.)Links to an external site.
You will receive a failing grade for any work you submit in this class that meets the criteria for academic dishonesty and you will be reported to the Office of the Dean of Student Affairs and Activities.
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How Will You Be Graded?

The grading will be broken down like this:

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programming assignments (5)...100 points

quizzes(5)..................... 50 points

midterm exam..................100 points

final exam ...................100 points

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total                          350 points
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Tentative grade scale:

89%-100% A

87%-88% A-

85%-86% B+

80%-84% B

77%-79% B-

75%-76% C+

65%-74% C

62%-64% D+

55%-61% D

<55% F

What If You Need Disability Accommodations?

To obtain disability-related accommodations, students must contact the Disability Resource Center (DRC) as early as possible in the quarter. To contact DRC, students may:

· Visit DRC in Room 5801 (near lot 5)
· Email DRC at adaptivelearningdrc@foothill.edu (Links to an external site.)Links to an external site.
· Call DRC at 650-949-7017 to make an appointment

If you already have an accommodation notification from DRC, please contact me privately to discuss your needs.

When Is Your Work Due?

Grading Disclaimer:

I accept late work with no point penalty up to the final exam date. Try to stay as close to the due dates as possible so the work doesn't pile up. However, if you turn in your work late, I will grade it late. If you prefer to have timely feedback, *do not turn in your work late.* Instead, turn in your work on the published due date.

For important dates throughout the quarter, see the academic calendar (Links to an external site.)Links to an external site.

Course Summary:

Date	Details
Sun Sep 30, 2018	Quiz 1

Date	Details
Tue Oct 2, 2018	Quiz 1 -- Getting Started
Tue Oct 9, 2018	Project 1 - Shape Shifter
Tue Oct 23, 2018	Quiz 2 - Variables, Selection and Repetition
	Project 2 - Text Based Game
Tue Oct 30, 2018	Project 3 - Political Donations
Wed Nov 7, 2018	Midterm Exam
Tue Nov 27, 2018	Quiz 4
Tue Dec 4, 2018	Quiz 5
Thu Dec 13, 2018	Final Exam
	Project 5 - Weblog File Processing