F18 CS F001B 02W Interm Software Design In Java

What Is This Class All About?

CS 1B is an in-depth study of essential intermediate computer programming techniques using the Java language. Class inheritance, generics, elementary data structures and the *Java Collections Framework* are among the many topics that will be covered in depth. Successful completion of CS 1B is required in order to continue with CS 1C, which is the study of algorithmic analysis and data structures, the centerpiece of all Java-based CS degree programs and vocations.

A working facility with simple algebra as well as good written English comprehension skills are both strong advisories.

You can access the official course outline of record for all **CS** courses here:

https://foothill.edu/schedule/outlines.html (Links to an external site.)Links to an external site.

From that page, select **Dept: Computer Science → Search**, and from there, select any CS course whose official outline you want to review.

Student learning outcomes for this and other CS courses can be found.

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

All of the important concepts will be covered in my modules. The text for the course is *recommended*, not required. It is ***Introduction to Java Programming: Comprehensive Version, any Edition*** (7th or later), by Liang, Pearson/Prentice Hall. You must have ***some*** reference, however, you can use any Java texbook that fits your style and budget.

You will also need access to a java compiler. For details and recommendations, see the module topic: Week 1R - Compiler Set Up While Eclipse is a great Integrated Development Environment (IDE), you can use any IDE you choose for this class.

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. 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/handbook/index.php (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

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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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.

Course Summary:

Date	Details
Tue Dec 13, 2016	CS 1B Final Exam
Tue Oct 2, 2018	Quiz 1
Tue Oct 9, 2018	Project 1 -- Seating Chart
Mon Oct 15, 2018	Quiz 2

Date	Details
Tue Oct 23, 2018	Project 2 -- Inheriting Employees
Mon Oct 29, 2018	Quiz 3
Tue Nov 6, 2018	CS 1B Midterm Exam
Tue Nov 13, 2018	Project 3
Tue Nov 20, 2018	Quiz 4
Tue Nov 27, 2018	Project 4
Tue Dec 4, 2018	Quiz 5
	Project 5