

CS 1A-08W Course Syllabus

Instructor: Tri Pham

Office Hours (online):

- Time: 7:30pm-8:30pm (every Monday except the first week)
- How: log in to Canvas then access Discussions Forum (you may expect immediately replies I assume :-) If not you should get a response by the next morning

Email: phamtri@foothill.edu or fhcs1a1b@yahoo.com (mostly for programming assignment submissions)

OBJECT-ORIENTED PROGRAMMING METHODOLOGY IN JAVA (CS 1A)

Course Description

This course is a systematic introduction to fundamental concepts of computer science through the study of the Java programming language intended for Computer Science majors as well as non-majors and professionals seeking Java programming experience. Coding topics include Java control structures, classes, methods, arrays, graphical user interfaces and elementary data structures. Concept topics include algorithms, recursion, data abstraction, problem solving strategies, code style, documentation, debugging techniques and testing.

Student learning outcomes for this course can be found here:

https://www.fgamedia.org/faculty/loceff/cs_courses/common/slos/cs_slos_1.htm

Textbook and References

Textbook for the course is recommended, not required. Suggested textbooks are:

Introduction to Java Programming 11th edition (or later) by Y. Daniel Liang (Pearson/Prentice Hall)

You can order this through the Foothill Bookstore at: <http://books.foothill.edu> or Phone: (650) 949-7305.

However you can use any Java textbook that contains the required material covered by the course.

Note: I strongly suggest to purchase the below textbook

Core Java Volume I - Fundamentals 9th edition (or later) by Cay S. Horstmann and Gary Cornell (Prentice Hall) as **additional reference** for those who are C.S. major and would like to become a future Java programmer.

Compilers Options

1. Window users: Eclipse Integrated Development Environment (IDE) for Java developers
2. Mac users: Eclipse IDE for Java developers
3. Linux/Unix users: using command lines directly from Java installation to compile and run your code. You must know how to use vi or emacs or any Unix/Linux text editor to write your program

We will have instructions on how to install/configure the Eclipse IDE on Windows and Mac computers in the first lecture module.

Attendance

It's a 100% online course so no physical appearance in a classroom is required. However you are required to communicate with the class on weekly basis as described in the Communications section below.

Communications

- **Public Forums**

You may post your questions or comments by clicking on **Discussions** on the left menu. Once in the Forum to start a new discussion click on the blue + Discussion button on the top right of the page. Then enter topic title and start typing your question in the Rich Content Editor box. You can expect a reply on the same day, mostly within a few hours. It's OK to answer your fellow student questions in the Forum. It's like a class-room discussion where everyone can talk and express his/her own opinion. I will provide a confirmation or correct the answers if necessary.

As indicated above if you have a new topic, please start a new discussion. To comment on an existing topic, click **Reply** in that discussion.

For the first week of the quarter (by 5:00pm Friday, September 28) you're required to post an introduction of yourself to avoid being dropped as a "no show" according to the our course requirements. No exception. Click Discussions tab on the left menu then expand Discussions group as needed. Click on "First Week Introductions" topic and then click the "<== Reply" box just a few lines down and start typing your introduction then finally click on "Post Reply" button. **Do not '<== Reply' to other student postings.**

After the first week you're not required to post anything in the public Forum but you're encouraged to visit it for your own benefit as from what I've seen in my previous online courses there are your fellow students' posts regarding Java questions which are quite useful, if not very interesting, for your own understanding of the subjects being discussed.

Posting program questions: **do not post any code** in the public Forum. Simply ask question to clarify programming assignments' requirements or such. If you do have code-related question send me a private message. That's where you may post your code.

- **Private Messages**

You may send me private questions such as coding, grading, registrations, class schedule, emergency, etc ... by clicking on **Inbox** on the Global Navigation on the left. **If there is any issue during your study, your taking exam, your grading you should communicate with me via private message immediately** so that I can help resolve your problem in a timing manner. Most of the time I should be able to help you within 24-hour period. After all it's an online class. The only ways you can reach me is by private messages and emails. So please do not hesitate to send me one. I'm here to help you. Note: if requested however we may also discuss by phone, by Canvas Conference, or by in-person meeting. Please let me know as early as you can as I need to plan for those requests according to my work/teach schedule. Thanks for your understanding and co-operation.

- **Office hours**

Every Monday 7:30pm-8:30pm (except for the first week) you can be online to post questions and expect prompt response from me. If not immediately you should get a response on the same night. Otherwise you may post questions online anytime and expect a response from me within 24 hours.

- **Email**

You may email me at phamtri@foothill.edu or fhcs1a1b@yahoo.com for questions or when Canvas is down. Otherwise as indicated in the Private Messages section above you may also send me a private message there to express any issue that needs my immediate attention. I'm open to listen to any problem you might have and will try my best to accommodate your need.

IMPORTANT NOTE ABOUT TIME ZONE DIFFERENCES: You're responsible for setting time zone correctly on your Canvas session to ensure the deadlines for quizzes, programming assignment submissions, especially midterm and Final are met correctly. The course is operated on Pacific Standard Time (PST). All times specified in the course are PST. For example if you're in Europe (9 hours ahead of PST) and the midterm's window time is set to 8am PST - 11:59pm PST then in your European time zone the midterm will be available between 17pm - 8:59am the next day local time. Again you will take full responsibility for making sure the time zone difference is accounted for. I just can't accommodate all of you as we have lots of students from different time zones taking the class. If you miss the time window it will be considered as a "no-show" or a late work. No exception. To set your Canvas session to your own time zone click on "Settings" tab at the bottom and select the appropriate time zone for your residence (see below - your Canvas student view might be a bit different than mine).



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Image:

Choose Image

Name: S17 Obj-Oriented Prog Method Java Se

Course Code: C S 001A 03W

Time Zone: Pacific Time (US & Canada) (-)

SIS ID: 201741:CS001A:3808

Subaccount: Foothill College

Term: Spring 2017

Starts: Apr 10, 2017 at 12am

Mon Apr 10, 2017 12:00am

Ends:

Users can only participate in the course if they are currently in the course. This will override any term availability settings.

Language: English (US)

Join the Canvas Translation Community

Assignments and Exams

Your final grade will be based on:

Quiz	5%
Programming assignments	25%
Midterm	30%
Final	40%

Grading

A+	97%
A	90%
A-	87%
B+	84%
B	80%
B-	77%
C+	74%
C	70%
D+	64%
D	60%
D-	57%
F	< 57%

Drops and Withdrawal

Please refer to the Foothill College registration page for official withdrawals dates and deadlines.

To stay enrolled in this class, you must participate regularly in your programming assignments and exams. This is part of the class participation that online classes must possess in order to maintain their transferability and accreditation.

You will be dropped by me (within the second week you will get no grade to record, between third week to eight week will result in a “W” in your record) for any of the following:

- If you do not post an introduction of yourself in the first week (by 5pm Friday, September 28), you will be dropped for "no show".
- If you do not submit the first programming assignment I will drop you.
- If you **do not login for 7 consecutive days (weekends included) I will drop you.** You may (or may not) receive a courtesy warning email from me (for the first time only) if you have not logged in for 4 consecutive days. If you continue not logging in I will not send you anymore warning email and simply drop you if the 7-day period has reached. Please note that Canvas has the tool to monitor and track all of your log in sessions.
- If you receive zero scores on any two programming assignments or one programming assignment and one quiz, I will drop you.
- If you do not take the midterm I will drop you.

Note: if you meet one of the above rules beyond last day to drop for a “W” (usually by end of the 8th week) then I can’t drop you, and you may receive whatever grade that your points dictate. Please do not make me drop you. Once dropping has occurred it's virtually impossible to add you back in regardless of your situation or excuses.

Collaboration

Working together on homework or programming assignments or exams = ZERO + Dean of Student's Office.

Husbands and wives, roommates, and friends taking the course together: don't discuss ungraded homework/programming assignments/exams with each other outside the public forums. Instead, direct all of your questions to the public forums where everyone can comment and I can moderate the discussion. Do not look for answers on cheater web sites or pay-for-help web sites.

Any variation of collaborating or copying programming assignments is prohibited. The assignment must be 100% your own work. Changing a few variables around to make them look different won't fool me as I've been coding for 21 straight years. And if it does fool me, you probably had to change so many things that you knew enough to do it yourself in the first place.

You can talk about the modules all day long off-line if you wish. This rule only applies to programming assignments. There is a place to ask for help with homework: the Public Forums labeled for that purpose or the *STEM Success Center*. I will spend hours helping you each week, both individually, and in groups. You can even answer each other's questions in the Public Forums. If I think you are giving too much information away, I'll edit your post. So there is no reason to ask your fiancée or your cousin's neighbor's lead guitarist.

If you accept help from someone who is not trained to teach without giving away the answer, it will short-circuit your learning process -- you will actually become weaker. Now, you don't have to agree with me - but you do have to follow the rule. If you want to take a class where you get to solve problems in groups, there are other sections with instructors who have that option. But if you stay in *this* class, you are agreeing to do the programming assignments on your own or with help from us, here, in this course's public forum.

For those of you wishing to give help, please do not give away the answer. Either tell the person where they can look to find the solution, give them a general idea or ask them to ask me. Don't post actual assignment code.

Tutoring

The STEM Center, in room 4213, will have CS tutors at various times each day. The STEM Center is also the only place on main campus where students without their own computers can do their programming assignment work. The schedule for the STEM Center and its tutors is at:

<https://foothill.edu/stemcenter/>

Please ask about **online computer science tutors**. They should be available to help you out. Note that you must come prepared for either online or on-campus tutoring sessions.

Canvas Orientation and Training

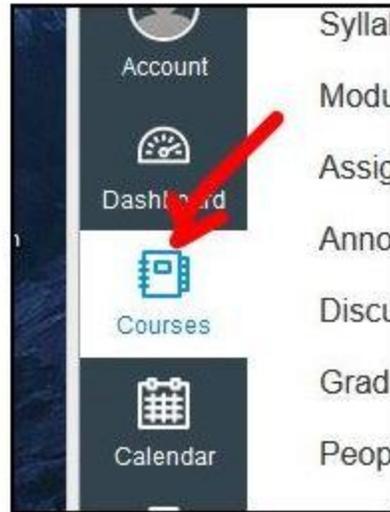
We're using Canvas as Course Management System for online Learning. If you're new students to Foothill or new to Canvas you should access "[Canvas Student Orientation](#)" to get familiar with how to navigate and use Canvas for your daily studying. Course materials (Canvas Modules), programming assignments, and exams (Quizzes, Midterm, and Final) will be posted on Canvas. Also Discussions Forum is used for online virtual classroom class discussions. Familiarize yourself with how to read a discussion topic and how to reply to it. In summary follow the below links for more detailed information:

- **Canvas Student Quickstart**
(<https://foothillcollege.freshdesk.com/support/solutions/articles/1000195540-canvas-student-quickstart>)
- **Canvas Student Orientation** (<https://foothillcollege.instructure.com/courses/62>)
- **Get Help with Canvas** (<https://community.canvaslms.com/docs/DOC-10554>)
- **General Foothill College Online Classes Help Desk**
(<https://foothillcollege.freshdesk.com/support/home>)

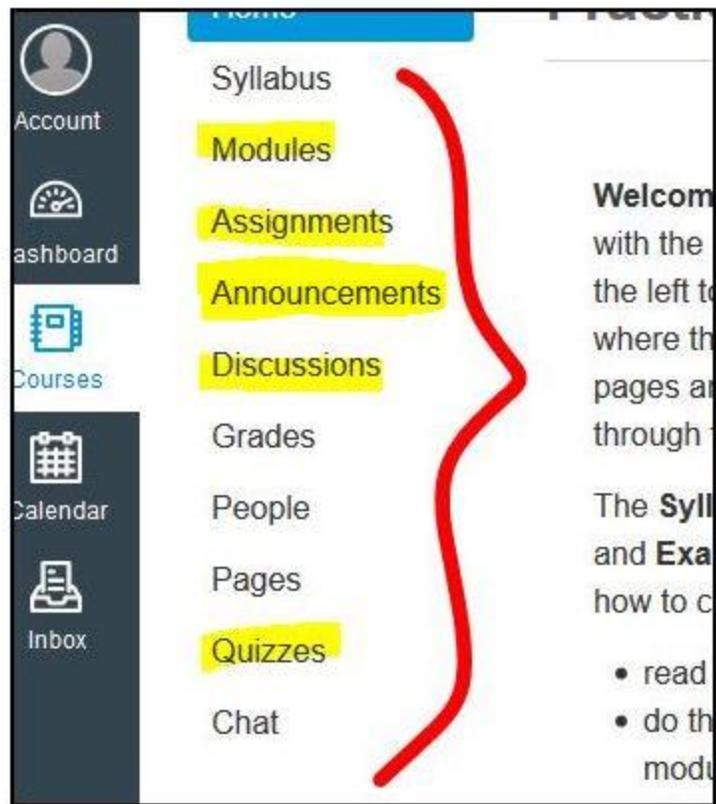
Please get on at least with **Canvas Student Quickstart**. If you have any trouble accessing using Canvas you may open a ticket for Canvas support to help you with **Get Help With Canvas**. It's distance learning. Don't let the system slow you down. You don't have a choice but be on top of how to use Canvas. Trust me. Don't let it getting your way of learning Java which is the main reason you're here.

In summary once logged in to Canvas

Access the various areas of your course by first selecting this course through the **Canvas** *left* ...



... then examining our **course choices menu**, also on the left side of the screen, but



Disability-related Accommodations

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

- Visit DRC in Room 5400 (near the entrance of lot 5)
- Email DRC at adaptivelearningdrc@foothill.edu
- Call DRC at 650-949-7017 to make an appointment.

Once obtaining the accommodation approval from DRC please contact me as early as you can so I can help accommodate your special needs.

NOTE: I do not discuss accommodation without first receiving an approval letter from DRC. Please start the evaluation process as early as you can for your own benefit. Inform me by email or private message once you're approved for accommodation so that I'm aware of it and can help you as much as I can.

Taking midterm and Final online

- The exams will be available online starting at 8:00AM PST on the exam date and be closed by midnight (11:59PM PST). **If you reside in a different time zone than PST it's your responsibility to make sure the time zone differences are accounted for (Canvas' Settings will help you set your local time) and you don't miss the exam window's time at your local time. Re-scheduling exams is time-consuming and problematic and I don't want to go thru it.**
- You must take the test in that 15:59 hour period. No late midterm or final is accepted
- No re-scheduled exam is accepted
- The midterm is 70 minutes long (Thursday, November 1st) and the final is 100 minutes long (Tuesday, December 11th)

NOTE: This is an online course. Rescheduling exam is hard and time-consuming. In some cases it's not fair to other students. If you're committed to taking an online course lock your exam dates and times. Missing midterm will result in an automatic drop from the class. Missing the Final will result in an "F" grade.

Weekly Activities

- Every week you will have two lessons or **Modules** (Module A, Module B). Each module will have one or more sub-modules or sections) to study. Each module may also have some exercise. Doing exercises is optional. However the more you practice exercises the more you understand the new programming concepts and the more you're prepared for exams. **Solutions will be provided for odd-problems only.** You may discuss it in public Forum with your fellow students or with STEM tutors.
- Every 1.5 or 2 weeks you will have one programming assignment to turn in (**via email - instructions will be provided in the assignment specs**). You may expect 6 programming assignments for the entire quarter.