

Java for Non Majors

CGS 3416

Department of Computer Science, Florida State University

August 27, 2019

Class Time and Location

TuTh 6:45 - 8:00 PM — LOV 301

Instructor Information

- Instructor: Lizhen Shi
- Email: lshi@cs.fsu.edu
- TA: Daniel Riley
- Email: dmr05d@my.fsu.edu
- Office hours: Wednesday 1:30 - 3:30PM at Dittmer 336 (Lizhen Shi)
Friday 1:30 - 3:30PM at Major Lab (Daniel Riley)

Course Description

This course is an introduction to software engineering, using the Java programming language. The course is designed for students with no or little programming experience. Students will learn the fundamentals of Java and object-oriented programming (OOP) using Java. The focus is on developing high quality, working software that solves real problems.

Installing JDK and Eclipse

To write Java programs, you need two things: the Java Development Kit (JDK), and a source code editor. The Java Development Kit contains the tools needed to compile and run Java programs. A source code editor is a program for editing text, like word, notepad. To run the code written in the text editor, you will need to install JDK and use the command line.

Most professional Java developers use an integrated development environment (IDE), which combines a source code editor with other tools for software development. Java IDEs use the Java Standard Development Kit (SDK) tools underneath, and provide a graphical interface through menus to access the underlying tools, instead of the command line. They make it easy to find and correct errors. and manage large projects. For this course, you can use any IDE you like, but we recommend Eclipse, and will use it to demonstrate all the examples during classes. Other popular IDEs for Java include NetBeans and IntelliJ IDEA.

Course Homepage

Course Website: <http://www.cs.fsu.edu/~cgs3416/>

This website contains all information related to this class including lecture slides, assignments, extra material handed out during class and links to some useful resources. The class will also have a canvas page which will be used to post grades and for sending out announcements.

Textbook

The textbook for the class is “Java: How to Program, 11th Edition” by Deitel et. al. In addition to this you can use the lecture notes, third party online documentation and extra reading material handed out in class.

Assignments, Projects and Tests

Assignments will be given periodically through the semester. They will be posted on Canvas. There will be two term tests and a final exam over the course of the semester. All tests will be in class.

Exam dates

Exam 1	10/03/2019
Exam 2	10/31/2019
Final exam	12/12/2019

Grading Policy

The final course grade will be computed as follows:

Homeworks	25%
Project	25%
Midterm 1	15%
Midterm 2	15%
Final	20%

Any request to review the grade for a particular assignment must be made within 7 days after the date that the given assignment/exam grade is posted, or it will not be considered.

The final grade will be calculated according to your numerical average as shown in the table below. The class will NOT be graded on a curve.

		A	>93	A-	92.99 - 90
B+	89.99 - 87	B	86.99 - 83	B-	82.99 -80
C+	79.99 - 77	C	76.99 - 73	C-	72.99 -70
D+	69.99 - 67	D	66.99 - 63	D-	62.99 -60
F	<60				

Late Assignment Policy

Students are expected to turn their assignments in on or before the due date. Late assignments will suffer a 10 percentage point penalty for every 24 hour period. For example, an assignment worth 100 points turned in 2 days late will receive a 20 point penalty. Assignments turned in 4 or more days after the due date will receive a grade of ‘0’, but you can still have it graded and receive feedback.

Academic Honor Code

The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to ". . . be honest and truthful and . . . [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://dof.fsu.edu/honorpolicy.htm>)

Assignments/projects/exams are to be done individually, unless specified otherwise. It is a violation of the Academic Honor Code to take credit for the work done by other people. It is also a violation to assist another person in violating the Code (See the FSU Student Handbook for penalties for violations of the Honor Code). The judgment for the violation of the Academic Honor Code will be done by the instructor and a third party member (another faculty member in the Computer Science Department not involved in this course). Once the judgment is made, the case is closed and no arguments from the involved parties will be heard. Examples of cheating behaviors include:

- Discuss the solution for a homework question.
- Copy programs for programming assignments.
- Turning in group work for assignments where you are expected to work as an individual.
- Use and submit existing programs/reports on the world wide web as written assignments.
- Submit programs/reports/assignments done by a third party, including hired and contracted.
- Plagiarize sentences/paragraphs from others without giving the appropriate references.

Penalty for violating the Academic Honor Code: A 0 grade for the particular assignment/quiz/exam and a reduction of one letter grade in the final grade for all parties involved for each occurrence. A report will be sent to the department chairman for further administrative actions.

Accommodation for Disabilities

Students with disabilities needing academic accommodations should: 1) register with and provide documentation to the Student Disability Resource Center (SDRC), and 2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done within the first week of class. This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the Assistant Dean of Students:

Student Disability Resource Center
97 Woodward Avenue, South
108 Student Services Building
Florida State University
Tallahassee, FL 32306-4167
(850) 644-9566 (voice)
(850) 644-8504 (TDD)
sdr@admin.fsu.edu
<http://www.disabilitycenter.fsu.edu/>

Syllabus Change Policy

This syllabus is a tentative guide for the course and is subject to change. You'll be informed in class if there's a change in the syllabus.