

Java for Non Majors

CGS 3416: Spring 2017
Department of Computer Science, Florida State University

January 9, 2016

Class Time and Location

Monday and Wednesday, 5:15 PM - 6:30 PM. Lov 103

Instructor Information

- Instructor: Esra Akbas
- Email: akbas@cs.fsu.edu
- Office: MCH 106 A
- Office hours: Monday - 4:00 - 5:00 PM, Thursday - 12:00 - 2:00 PM

Class Homepage

Course Website: ww2.cs.fsu.edu/~akbas/java2017.html

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 Blackboard page which will be used to post grades and for sending out announcements.

Course Objectives

Upon successful completion of this course of study, the student will be familiar with:

- Add functionality to an existing Java program.
- Construct well-designed programs using the basic Java constructs.
- Demonstrate an understanding of the object-oriented paradigm.
- Demonstrate competence with the use of classes, constructors, interfaces, exceptions and I/O.
- Demonstrate an understanding of graphics concepts, the compilation process, jar files, applications, applets and APIs.
- Demonstrate an understanding of basic GUI programming, as it pertains to using Java applications.
- Construct an object-oriented solution to a problem using appropriately designed classes.
- Be able to use common Java development tools contained in the latest Java SDK (especially the javac compiler, java loader, jar utility, javadoc, and IDE's)

Textbook

The textbook for the class is “Java: How to Program, 10th 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 the course website. You will have a week to 10 days to complete these assignments. There will be also in-class assignments(quizzes).

Assignment Compiling – Programs that do not compile are very tedious to grade, and they show a lack of testing, which is a large part of programming. There will be an automatic 5% point penalty for each compile error in a student’s code that has to be fixed in the grading process. (This means that program submissions with compile errors will likely earn very little, if any, credit). Make sure your code compiles before you submit it!!

There will be three tests over the course of the semester. The dates for the two midterms will be posted later. The final is on the Wednesday of finals week (05/03/2017) at 5:30 PM. All tests will be in class. The final exam will be cumulative. The test format will be a mixture of short-answer, code reading and understanding, and code writing.

Grading Policy

The final course grade will be computed as follows:

Assignments	40%
In Class Assignments(quiz)	5%
Two Midterms (15 % each)	30%
Final	25%

Requests for regrading should be within a week of grades being posted on Blackboard.

The final grade will be calculated according to your numerical average as shown in the table below.

		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 6 or more days after the due date will receive a grade of ‘0’.

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)
sdrc@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.