

Comp 131: Object-Oriented Programming with Java

Spring 2007 Course Information

Instructor: Serdar Taşiran

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Office hours: Wednesdays 11-12pm

Teaching Assistants: Cihat Goktug Gurler (cgurler@ku.edu.tr), M. Erkan Keremoglu (mkeremoglu@ku.edu.tr)
Contact information and office hours available on the course web page.

Lectures: Mondays and Wednesdays 2-3:15 pm, ENG B15

Course home page: <http://home.ku.edu.tr/~stasiran/COMP131>

Textbook: Deitel and Deitel, *Java: How to Program*, 6th edition, Prentice-Hall.

Recommended reading: The Java Tutorial: A practical guide for programmers
<http://java.sun.com/docs/books/tutorial/>
Arnold, Gosling, Holmes *The Java Programming Language*, 4th Edition, Addison-Wesley.
Gamma, Helm, Johnson, Vlissides, *Design Patterns*, Addison-Wesley.

Grading policy:

Weekly in-lab quizzes	70%
Final examination	30%

Any duplication in any classwork or examinations will be regarded as cheating and will be prosecuted to the fullest extent allowed by university policy regarding academic dishonesty. We will look for duplication in all submitted work **extremely carefully**.

Attendance Since this is a freshman class, you will receive a failing (F) grade if you miss more than 1/3 of the lectures, even if you have a valid excuse.

Tools, infrastructure We will be using the Eclipse Integrated Development Environment (IDE) for this course. This tool is available free of charge for both Windows and Linux environments on the course web site or through www.eclipse.org.

The Eclipse IDE has been installed on PCs in SOS Z07, Z08, Z11 and Z12. It is also available in the Linux lab. You are free to work on Windows or Linux platforms, as you see fit. Familiarize yourself with Eclipse by going through the tutorials installed with the tool as soon as possible. You are also strongly encouraged to learn how to compile, run and debug Java programs without the help of an IDE.

In-lab Quizzes and Homework Assignments You will have weekly homework assignments. Solutions to homework problems will be posted on the class web site but you will not be asked to turn in your homework solutions. Instead, during lab hours on Fridays, there will be a programming quiz consisting of questions very similar to those in the homework assignment. The weekly assignments and quizzes are a very important learning tool and are a very significant portion of your grade. **If your quiz average is below 40 (out of 100) you will fail this class (will be given a letter grade of F) regardless of your final exam grade!**

Tentative schedule			
Week		Topics	Reading
1	Feb 5-9	Introduction. Java applications.	Ch. 1,2
2	Feb 12-16	Introduction to classes and objects.	Ch. 3
3	Feb 19 - 23	Control statements	Ch. 4,5
4	Feb 26- Mar 2	Methods	Ch. 6
5	Mar 5-9	Arrays	Ch. 7
6	Mar 12-16	Strings and Characters	Ch. 29
7	Mar 19-23	Classes and Objects: A Deeper Look	Ch. 8
8	Mar 26-30	Object Oriented Programming Part 2: Inheritance	Ch. 9
	Apr 2-6	Spring Break	
9	Apr 9-13	Object Oriented Programming Part 3: Polymorphism	Ch. 10
10	Apr 16-20	Graphical User Interface (GUI) Components	Ch. 11
11	Apr 23-27	Exception Handling	Ch. 13
12	Apr 30- May 4	Files and Streams	Ch. 14
13	May 7-11	Java Utilities, Collections	Ch. 19
14	May 14-18	Introduction to Java Applets	Ch. 21
Final examination			