

Programming in Java CSCI-2220

Spring 2006

Course: CSCI-2220 CRN: 51541
Lectures: Wed 12-1:50pm LOW 4050
Home Page: <http://www.cs.rpi.edu/~hollingd/java/>

Instructor: Dave Hollinger
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TAs: Saeed Salem
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Texts: Just Java 2 (6th ed.), by Peter van der Linden
ISBN: 0-13-148211-4
<http://afu.com>

There are many other textbooks that will be fine for most of the course, including the online version Thinking in Java, but we will be exploring the latest version of Java (J2SE 5.0)!

Thinking in Java, 3rd Edition, by Bruce Eckel
ISBN: 0-13-100287-2
available on the www: <http://www.mindview.net/Books>

Grading: Homework/Projects: 100% !!!

Course Home Page: The course home page will include homework assignments, lecture notes, handouts and announcements. Hardcopy of any class handouts will be provided only on request. Course grades will be maintained on WebCT. Homework submissions will all be done via WebCT dropbox.

Homework and Programming Projects: All homework must be done individually unless stated otherwise. All submitted code must compile and run using J2SE 5.0 All code must be commented (program style guidelines will be provided).

Homework Grading: Adjustments to grades will take place only the week after grades have been returned to students. This means that you must bring any problems to our attention within one week of receiving a grade. All grades will be made available on WebCT.

Cheating will not be tolerated. Any duplicate or near duplicate homework submissions will result in a 0 on the project and a minimum of a 2 letter grade drop for the final course grade for all students involved and may result in a failure for the entire course. We will use code comparison systems to compare all submissions, these system have a great record of detecting code similarities... You may *discuss* homework with other students, but sharing of code in any form is not acceptable (this means that looking at another student's code or showing your code to another student is **not** permitted). If you need help with a project – ask Dave or a TA for help. Please contact the instructor if there is any part of this policy you do not understand.

Tentative Topic Schedule

Week of	Topics
January 18	Course Overview, Intro to Java, Java tools
25	The Java Language
February 1	Java OOP: Objects, Classes, Inheritance, Interfaces
8	Basic I/O, Exceptions, Arrays
15	Threads, Synchronization
22	java.util (Core Utilities)
March 1	More OOP (nested classes)
8	Collections, generics
15	<i>no class - spring break</i>
22	More I/O, XML
29	Network Programming
April 5	<i>no class – GM Week</i>
12	GUI Programming
19	GUI Programming
26	More GUI
May 3	Web Programming (Servlets, JSP, Applets)