

# Programming in Java CSCI-2220

## Spring 2003

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**Course:** CSCI-2220 CRN: 73817  
Lectures: Monday 4:00-5:50 Amos Eaton 214  
Home Page: <http://www.cs.rpi.edu/~hollingd/javaprogram/>  
Email: [javaprogram@cs.rpi.edu](mailto:javaprogram@cs.rpi.edu)

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Office Hours: Mon 10:00-12:00, Wed 1:00-3:00

<b>TAs:</b>	Amir Youssefi	???
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**Texts:** *There are no required texts, these are all suggestions only:*

- Thinking in Java, 3<sup>rd</sup> Edition, by Bruce Eckel  
ISBN: 0-13-100287-2  
*available on the www:* <http://www.mindview.net/Books>
- Java in a Nutshell, 4th Edition, by Flanagan  
ISBN: 0-596-00283-1
- Learning Java, 2nd Edition, by Niemeyer & Knudsen  
ISBN: 0-596-00285-8
- Java – How to Program, 5<sup>th</sup> Edition, by Deitel & Deitel  
ISBN: 0131016210

**Grading:** Homework/Projects: 100% !!!

HW#1: 10%  
Projects 2-7: 10% each  
Project 8: 30% (A complete Java Application).

**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 and Programming Projects:** All homework must be done individually unless stated otherwise. All submitted code must compile and run using JDK 1.4. 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 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 - send mail to [javaprogramming@cs.rpi.edu](mailto:javaprogramming@cs.rpi.edu). Please contact the instructor if there is any part of this policy you do not understand.

### Tentative Topic / Homework Schedule

Week of	Topics	Homework
January 13	Course Overview, Intro to Java, Java tools	#1 Getting Java Running
20	<i>no class</i>	
27	The Java Language	#2 Basic Java Program
February 3	Java OOP: Objects, Classes, Inheritance, Interfaces	
10	Java I/O, Exceptions	#3 Class Hierarchy
18	Threads, Synchronization	
24	java.util (Core Utilities)	#4 I/O
March 3	Collections	#5 Collections & Threads
10	<i>no class - spring break</i>	
17	Network Programming	#6 Network Programming
24	Servlets, Web Applications	
31	GUI Programming (Swing)	#7 Simple GUI
April 7	GUI Programming	#8 Java Application (big)
14	Graphics, Applet programming	
21	XML	
28	JDBC	

**Note:** The dates shown for HW assignments are when to expect the assignment to be announced. Most of the projects will be due 10 days after the assignment is announced. The final project will be due on April 30<sup>th</sup> (the last day of classes).