CSC-K223 Java Programming 1

Three Rivers Community College

Syllabus

Fall 2010

Instructor Information:

- Instructor: Joe Johnson
- Telephone: 860-823-2818 (Office), 860-805-3670 (C)
- Email: jjohnson@trcc.commnet.edu
- Office hours: Tuesday, 12:30 – 1:00, Thursday: 9:00 – 11:00, 12:30 – 1:00

Course Objectives:

- This course will discuss the programming on the Java platform. Specifically, topics covered in this course are listed in the course schedule below.

Texts:

- Deitel and Deitel, Java How to Program, Pearson Publishing, ISBN 013605306 (Required)

Course Requirements:

- Regular programming assignments based on the topics covered in class (weekly or biweekly, depending on the topic) (40%)
    - Late work will not be accepted. Solutions to homework assignments will be reviewed in class after their due dates.
- Midterm Exam (20%)
- Final Exam (Cumulative) (30%)
- Participation in classroom/online discussions (10%)

Pre-requisites

- Working knowledge of:
  - Programming concepts

Schedule

Lecture	Date	Topic	Reading Assignment
1	September 1	Introduction to Java Applications	Chapter 2
2	September 8	Introduction to Classes and Objects	Chapter 3
3	September 15	Control Statements	Chapter 4, 5
4	September 22	Methods: A Deeper Look	Chapter 6
5	September 29	Arrays and ArrayLists	Chapter 7
6	October 6	Classes and Objects: A Deeper Look	Chapter 8
	October 13	Exam 1	
7	October 20	Object-Oriented Programming: Inheritance	Chapter 9
8	October 27	Object-Oriented Programming: Polymorphism	Chapter 10
9	November 3	Exception Handling, Strings, Characters, and Regular Expressions	Chapter 11, 16
10	November 10	Files, Streams, and Object Serialization	Chapter 17

11	November 17	Algorithms and Data Structures	Chapter 19, 22
	November 24	**Make-up Class?**	
12	December 1	Generic Collections	Chapter 20
13	December 8	**Multithreading**	Chapter 26
	December 15	Exam 2	

Academic Integrity

- Three Rivers' catalog defines various forms of academic dishonesty and procedures for responding to them. All forms are violations of the trust between students and teachers. Students should familiarize themselves with the penalties for plagiarism and other forms of cheating.