CSC-K224 Java II

Three Rivers Community College

Syllabus

Spring 2007

Instructor Information:

- Instructor: Joe Johnson
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Course Objectives:

- This course will discuss the Java 2 Enterprise Edition (J2EE) platform and specific tools used to build applications on this platform. Specifically, topics covered include:
  - Definition and Characterization of J2EE
  - Tools: JBoss, Ant
  - Servlets
  - Java Server Pages (JSPs)
  - MVC Design Pattern
  - Enterprise Java Beans (EJBs)
  - Session Beans
  - Entity Beans
  - Message-Driven Beans

Texts:

- Basham, et al., Head First Servlets and JSP, O'Reilly, ISBN 059600540 (Required)
- Sierra and Bates, Head First EJB, O'Reilly, ISBN 0596005717 (Required)

Course Requirements:

- Regular programming assignments based on the topics covered in class (weekly or biweekly, depending on the topic) (40%)
- Midterm Exam (20%)
- Final Exam (Cumulative) (30%)
- Participation in classroom/online discussions (10%)

Programming Assignments

- Programming assignments will be assigned regularly throughout the course. Each assignment will be graded out a total of 100 points.
- Homework is expected to be handed in on time according to the due date specified for each assignment.
- If an assignment is handed in late, points will be taken off as follows:
    - First week late: -10 points
    - Second week late: -20 points
    - After second week: Assignment will not be accepted.

Pre-requisites

- Working knowledge of:
    - Java
    - HTML
    - XML
    - Basic database concepts

Schedule

Lecture	Date	Topic	Reading Assignment
1	January 23	Introduction: Course, J2EE, JBoss, ANT	Basham: Intro, Chs. 1, 2
2	January 30	Servlets	Basham: Chs. 4
3	February 6	Java Server Pages	Basham: Ch. 7
4	February	MVC Design Pattern,	Basham: Chs.

	13	Web App Design	3, 5
5	February 20	Server-Client Communication	Basham: Ch. 6
6	February 27	Custom Tags, Tag Libraries	Basham: Chs. 8, 9
7	March 6	Review	
	March 13	Midterm Exam	
	March 20	Spring Break – NO CLASS	
8	March 27	Intro to EJB	Sierra: Intro, Chs. 1, 2
9	April 3	Session Beans	Sierra: Chs. 3, 4
10	April 10	Entity Beans	Sierra: Chs. 5, 6
11	April 17	Bean Relationships	Sierra: Ch 7
12	April 24	Message Driven Beans	Sierra: Ch 8
13	May 1	Transactions	Sierra: Ch. 9
14	May 8	Final Exam	

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.