J2EE Web Development

Instructor: Yi Hu
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Office: ST 370
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Office Hours: TR 12:30pm-2:30pm

Class Meeting Time: TR 9:25am – 10:40pm
Class Meeting Place: ST 361

Textbook:
- Head First Servlets and JSP: Passing the Sun Certified Web Component Developer Exam (Brain-Friendly Guides) (Paperback) (ISBN: 978-0596516680)

Prerequisites: C or better in INF 260 and INF 286

Course Content: An introduction to Enterprise Web Development using J2EE. This course is designed to familiarize students with server side web application design using various J2EE web components.

Course Topics:
- Web application architecture
- Java development with Ant
- MVC
- Servlet
- JSP
- Java Beans
- JSTL
- Web Services

Student Outcomes: By the end of the course, students will
- Understand web application development architecture
- Be able to use ANT to build and deploy J2EE web applications
- Be able to chose the most effective J2EE component for a particular functionality of a web application
- Design and implement a project using Servlet, JSP, Java Beans and other J2EE technologies
- Be able to implement a web service application

Student Assessment Information:
Students will be assessed through homework/project assignments and tests that are designed to demonstrate students’ understanding of each concept.

**Grading:**

Assignments: 20%
Course Project: 20%
Test 1 (9:25am – 10:40pm, Thursday, Sep. 25, 2008): 20%
Test 2 (9:25am – 10:40pm, Thursday, Oct. 30, 2008): 20%
Final exam (10:10am-12:10pm, Tuesday, Dec. 16, 2008): 20%

**Grading Procedure for Assignments:**

Students should turn in their homework assignments on the due date for each assignment. For an assignment turned in after the due date, 10% of your score will be deducted for every calendar day that the assignment is late. Also, once the solution to an assignment has been discussed in the class or posted on NKU’s Blackboard System, no late assignment will be accepted.

**Absentee Policy:**

Students should make their best efforts to attend each class. If you missed any class, you are responsible for any content covered in that class.

**Make-up Test:**

Only for a reasonable reason a student can be allowed to have a make-up test for one of the missed tests. The student needs to notify the instructor immediately after the missed test with a verifiable reason. After getting the permission for the make-up test from the instructor by email, the student will be given a make-up test. A student can only have one make-up test for this class.

**Disability Disclosure:**

Students with disabilities who require accommodations (academic adjustments, auxiliary aids or services) for this course must register with the Disability Services Office. Please contact the Disability Service Office immediately in the University Center, Suite 320 or call (859)572-6373 for more information. Verification of your disability is required in the Disability Services Office for you to receive reasonable academic accommodations.