KELCE
COLLEGE OF BUSINESS
Pittsburg State University

Course Syllabus:
Web E-Business Application Development
CIS640-01
Kelce Room 103
MWF 9:00 - 9:50 Spring 2023

Instructor: Mr. Dwight Strong
Office: Kelce Room 223K
Hours: MWF 10:00 – 11:00, 12:00 – 2:00; TTH 11:00 – 2:00
Phone: 620-235-4540
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Textbook

There is no required textbook for this course, but the following book is recommended

Java Servlets and JSP, Joel Murach, Michael Urban,
Mike Murach & Associates, Inc., 2015. ISBN-13: 978-1-890774-78-3

Catalog Course Description

This course covers developing web based e-commerce applications. It covers the basic concepts and protocols needed to develop web applications. The course uses the NetBeans architecture in developing a web-based application with access to a relational database management system.

Prerequisites

CIS380 – Systems Analysis and Design Methods

Course Objectives / Learning Outcomes

After completing this course, a student should be able to:

1. Demonstrate an understanding of web-based development technologies.
2. Develop a web-based application.
3. Implement interface to a relational database management.

General Education Goals

None.

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Course Outline

January	16	Holiday
	18	Introduction to Web Applications
	20	OO Design Fundamentals
	23	OO Design Fundamentals
	25	Java Fundamentals
	27	Java Fundamentals
	30	Lab 1 Work Session
February	1	HTML & CSS
	3	HTML & CSS
	6	HTML & CSS
	8	Developing Servlets
	10	Developing Servlets
	13	Developing Java Server Pages
	15	Developing Java Server Pages
	17	Lab 2 Work Session
	20	JSP Expression Language
	22	JSP Expression Language
	24	JSP Expression Language
	27	JSP Standard Tag Library
March	1	JSP Standard Tag Library
	3	Lab 3 Work Session
	6	Java Database Connectivity
	8	Java Database Connectivity
	10	Lab 4 Work Session
	13	Spring Break
	15	Spring Break
	17	Spring Break
	20	Java Persisentence API
	22	Java Persisentence API
	24	Java Persisentence API
	27	Lab 5 Work Session
	29	Lab 5 Work Session
	31	Restricting Access to Web Resources
April	3	Restricting Access to Web Resources
	5	Restricting Access to Web Resources
	7	Restricting Access to Web Resources
	10	Lab 6 Work Session
	12	Sessions and Cookies
	14	Sessions and Cookies
	17	Lab 6 Work Session
	19	PHP Application Development
	21	PHP Application Development
	24	Lab 6 Work Session
	26	Java Server Faces
	28	Java Server Faces
May	1	Other Topics
	3	Other Topics
	5	Other Topics
	12	FINAL EXAM

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Teaching Methods

These will include lectures and readings from the textbook as well as various homework assignments. The application that is developed will be broken into several programming lab assignments.

Canvas

Notes from the lectures will be posted on Canvas. All assignments will be posted on Canvas. All exams will be online in Canvas.

Attendance Policy

Students are expected to attend class regularly and participate in the activities of the class. Exams will be given on the days indicated in the Syllabus. Any student requesting a different time must contact the instructor at least one week prior to the posted exam date. If there is an emergency, the instructor must be notified as soon as possible and at least one day prior to returning to class.

Assignments and Labs are expected to be turned in on time. The due dates will be posted in Canvas**. Assignments and Labs turned in late will not be accepted.**

Classroom Conduct

Students should conduct themselves appropriately as outlined in the Academic Integrity Policy described below.

Each student is responsible for his/her own assignments. Any student who copies another's work or provides a copy of his/her work to another student will receive a zero for that assignment. Any student who repeats this offense will receive an "F" for the course and may be subject to dismissal from the University due to Academic Misconduct.

Academic Integrity

All Pitt State students are bound by the academic integrity policies of the university as described and outlined in the current Syllabus Supplement. Please familiarize yourself with these rules and guidelines. In addition, as a course offered through the Kelce College of Business, students in this class are obligated to adhere to the college's Student Code of Ethics as outlined below.
Students shall:

- Refrain from class disturbances.
- Arrive on time and remain until dismissed at all class sessions and to notify instructors in advance of anticipated absences, late arrivals, or early departures whenever possible.
- Turn off cell phones or other electronic devices while in class, unless permission to use them has been granted.
- Prepare for and participate in all classes.
- Treat fellow students, staff, faculty and administrators with respect.
- Prepare assignments and exams honestly.
- Avoid plagiarism or unacknowledged appropriation of another's work in any academic work. Refrain from giving or receiving inappropriate assistance.
- Dress appropriately, avoiding clothing that is revealing, provocative, or includes offensive language or visuals. Dress as a professional when appropriate at ceremonies and interviews.
- Respect University property and use resources in the most effective and efficient manner.
- Be fair and constructive in the evaluation of faculty.
- Obey the policies, regulations, and laws of the United States of America, The State of Kansas, The Kansas Board of Regents, Pittsburg State University and the Gladys A. Kelce College of Business.

Students with Disabilities

Please inform the instructor if you have a learning or physical disability that interferes with course requirements. Assistance and/or appropriate accommodations may be available through the contacts listed on the current Syllabus Supplement

Course Evaluation Methods

Quizzes	120 points
Assignments	80 points
Labs (5)	250 points
Final Project	100 points
	550 points

A (90 – 100%) B (80 – 89%) C (70 – 79%) D(60 – 69%)

Note

The instructor reserves the right to amend and to reorganize this syllabus at any time.