Outline of Instruction

Division: Business
Area: Computer Information Systems
Course Number: CIS 179
Course Name: Web Script Programming
Prerequisite: CIS 132 and CIS 177
Corequisite: None
Hours Required: Class: 45 Lab: Credits: 3

Course Description/Purpose

This course covers the creation of dynamic Web pages using popular web scripting languages including JavaScript. Students will build applications from the bottom up. Client side and server side scripting will be explored. The goal of this course is to create web pages that have dynamic and interactive content.

Major Units

- Introduction to JavaScript
- Variables, Functions, Objects, and Events
- Data Types and Operators
- Decision Making, Control Structures
- Windows and Frames
- Forms
- Dynamic HTML and Animation
- Cookies and Security
- Debugging Scripts
- Server-Side Scripting

Educational/Course Outcomes

Student learning will be assessed by a variety of methods, including, but not limited to, quizzes and tests, journals, essays, papers, projects, laboratory/clinical exercises and examinations, presentations, simulations, portfolios, homework assignments, and instructor observations.

Cognitive  Each student will be expected to Identify/Recognize...
- Concepts pertaining to all of the major units

Performance  Each student will be expected to Demonstrate/Practice...
- create Web pages that contain JavaScript
- demonstrate scripts that use variables and functions
- write scripts that use different variable types
- write scripts that use control structures
- write scripts that generate windows or frames
- write scripts that create forms
- write scripts that use dynamic HTML and animation.
- write scripts that create and read cookies
- design a script for use on a server