



CIS 1801

Division: Career and Technical Education

Department: Computer Information Systems

Course: CIS 1801

Title: Web Page Design

Catalog Description:

This course focuses on using correct page layout design techniques as tools to create web pages appropriate for use in both personal and business environments. Since design is the primary emphasis of this course, coding of hypertext markup language (HTML) will only be briefly discussed. Correct page layout and design principles will be taught, after which students will begin designing web pages using available web page editing software. They will apply their knowledge of color, space, proximity, style, etc., to the pages they design. Students will also learn simple site management techniques.

General Education Requirements: N/A

Semesters Offered: TBA

Credit/Time Requirement: Credit: 3; Lecture: 3; Lab: 0

Clock/Hour Requirements: 45

Offered for Non-Credit: No

Prerequisites: None

Corequisites: None

Justification:

The ability to create attractive, well-designed web pages is in high demand. Web pages are dramatically altering delivery approaches in marketing, education, and other fields. Concepts taught in this course will increase employment opportunities and transfer well to 4-year colleges. This course has been approved by the program advisory committee.

Student Learning Outcomes:

Upon successful completion of this course, students will be able to:

- understand the basic principles of web page layout and design
- understand the basic processes in application-assisted site development
- understand the necessary operations to create and maintain their own web pages.

Content:

Course objectives will be accomplished by providing students with learning experiences in the following

subject areas:

- attractive and efficient web page structures
- implementing graphics into a web page
- understanding various types of tags used in HTML
- implementing links in a web page
- using tables in a web page
- web page management.

General Education Outcomes:

1) Read effectively, constructively, and critically.

Students will be required to read from the assigned text, reference manuals, and industry journals to retrieve, analyze, and synthesize information into design, repair, and troubleshooting situations.

2) Write clearly, informatively, and persuasively.

Students are required to write response papers on current topics in the IT industry. These papers are reviewed and returned to students for improvement.

4) Retrieve, evaluate, interpret, and deliver information through a variety of traditional and electronic media.

Students will research technical issues through the internet, industry journals, and reference manuals.

5) Apply a cultural and historical awareness to a variety of phenomena.

Students will be aware of the changing nature of the computer field and how it impacts use of dated software with newer and older hardware. An awareness of the history and development of computers is a must for professional preparation.

6) Apply computational skills to a variety of contexts.

Students will be required to utilize the binary, hexadecimal, and base-10 numbering systems in applying and managing screen display colors.

Key Performance Indicators:

In class:

- Student grades will be based on a combination of lab exercises (5-25%), quizzes (5-25%), tests (10-50%), and a final exam or project (20-50%).

Following class:

- Post evaluation will be measured by subsequent classes and being able to create web documents for other classes or individuals or businesses.

Representative Text and/or Supplies:

- To be chosen from the best texts available in print just prior to the semester that the class is offered.

Optimum Class Size: 20

Maximum Class Size: 24

Signatures:

I hereby submit this course syllabus:

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I hereby find this course consistent with the goals and resources of the Computer Information Systems Department:

Michael P. Medley, MBA, Assistant Professor, Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)