

Inver Hills Community College

CS 2260: Web Design and Development

A. COURSE DESCRIPTION

Credits: 2

Lecture Hours/Week: 2

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites:

CS 2250 - HTML

Corequisites: None

MnTC Goals: None

Teaches students about the design, development, and use of the Internet and World Wide Web. Topics covered include: Internet basics and structure, page authoring languages, user interaction support, establishing servers for others, business and marketing issues. The student will use the techniques to develop an Internet server system. Prereq: CS 2250 or HTML experience.

B. COURSE EFFECTIVE DATES: 09/03/1999 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Aesthetic issues: 10%
2. Business and marketing issues: 10%
3. Client-Server principles: 15%
4. HTML and XHTML programming: 20%
5. Overview of the Internet and World Wide Web: 10%
6. Setting up a server: 20%
7. User Interaction through the CGI interface (fill-out-forms): 15%

D. LEARNING OUTCOMES (General)

1. Applies the principles of non-linear and hypertext data organizations
2. Explains the concepts of the Client-Server as it relates to the Internet
3. Applies HTML and XHTML to the design and development of WWW documents
4. Use fill-out-dorms and other CGI concepts
5. Develops a server for others to use
6. Explains the concepts and issues of E-Commerce and other business related issues
7. Explains the concepts and issues related to Internet security

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted