

Master Syllabus

CIS 1350 - Web Site Development with HTML & CSS

Division: Business and Public Services

Department: Computer Information Systems

Credit Hour Total: 3.0

Lecture Hrs: 3.0

Date Revised: March 2014

Course Description:

HyperText Markup Language (HTML) and Cascading Style Sheets (CSS) are widely used technologies to create and display content on the web. HTML is the primary language used for creating web pages including basic text formatting, linking between pages and adding images and other media. CSS is a styling language that enables the separation of content from style and provides precision control over the display including layout, colors and fonts. Students will learn to apply best practices for web design and create sites that enhance the usability and interactivity of the pages.

General Education Outcomes:

- ▣ Critical Thinking/Problem Solving
- ▣ Computer Literacy

Course Outcomes:

Web page layout and design

Students will create web pages using appropriate design techniques.

Assessment Method: Locally developed exams

Performance Criteria:

Students will perform at 70% or higher on a standard exam.

Assessment Method: Simulations

Performance Criteria:

Students will perform at 70% or higher on a project rubric.

Web site publishing

Students will publish tested web sites to servers for access by others.

Assessment Method: Locally developed exams

Performance Criteria:

Students will perform at 70% or higher on a standard exam.

Assessment Method: Simulations

Performance Criteria:

Students will perform at 70% or higher on a project rubric.

Design techniques for information web site

Students will create web sites that convey and deliver information as specified and which meets guidelines for accessibility.

Assessment Method: Locally developed exams

Performance Criteria:

Students will perform at 70% or higher on a standard exam.

Assessment Method: Simulations

Performance Criteria:

Students will perform at 70% or higher on a project rubric.

Web standards

Students will create web sites which use current web standards and techniques including HyperText Markup Language (HTML) and Cascading Style Sheets (CSS). They will use validation tools to ensure cross-browser and cross-platform compatibility. Students will use web application software to design, implement, optimize and maintain web sites.

Assessment Method: Locally developed exams

Performance Criteria:

Students will perform at 70% or higher on a standard exam.

Assessment Method: Simulations

Performance Criteria:

Students will perform at 70% or higher on a project rubric.

Outline:

Create web pages suitable for various browsers
Write source code in widely accepted formats
Develop error free HTML and CSS codes

Understand and utilize web developer tools