Northern Marianas College
CS 222 – Web Site Design

Assignment 5: Applying CSS to Web Site

Objective:
For this assignment you will create an additional html file for a topic, and apply styles to all your web pages using inline styles, embedded styles, and an external style sheet. Styles selectors will include redefined elements and classes. Additionally, the CSS box model will be applied in designing a web page layout. Each described part may be completed after completing each CSS slide show.

Part A: CSS Text Formatting (Complete after CSS Slide Show 8 & 9)
Apply CSS styles to the homepage and resume html files that you constructed in Assignment 3. For the resume document use only an External CSS file with filename resume.css to control format of text. For the homepage document use an Embedded style sheet and at least two inline styles to control the presentation of the document. You must have working hyperlinks from your home page to resume and from your resume to your home page. Also include in document links on the resume.

Create an additional html document that describes some topic that you are passionate about. All documents must be a valid XHTML 1.0 Strict. Style this topic document so that it integrates well with the styles and themes of your web site. Provide hyperlinks to this topic page on your homepage and back to the homepage from the topic page.

Upload all files to your web site using ftp. An FTP extension for FireFox is available or try a freeware FTP program.

Part B: CSS Layout (Complete after CSS Slide Show 10)
This is a continuation of Part A objectives. Utilize the CSS box model to design a 2-dimensional layout for all your web pages. Utilize absolute and fixed positioning of elements on your web site. Use an embedded style sheet for your home page to control the presentation of the document. This needs to include absolute positioning of elements.

For your resume page create a simulated frame layout using a right side vertical navigation bar that utilizes fixed positioning.

Create a 2-dimensional layout for your topic pages. Upload all files to your web site which includes all graphics files and CSS files.

Due Date and Grading:
You will do a five minute presentation of your website in class on Tuesday October 31st. Also bring your files on a USB drive in the event that the Internet is slow or doesn't work.

Submit to your instructor a single sheet of paper before your presentation with your name, URL, email address, a description for your topic of interest, and a conclusion paragraph describing your experience with the project. Late projects will be reduced 50% per class period.

Grading will be 80% objective (results, explanations, conclusions) and 20% subjective (neatness, clarity, conciseness, extra work). A project report that correctly meets all specifications in a minimal way will receive a score of 80% of the total points.