WEB DESIGN CURRICULUM

WDES105 HTML and CSS 3

WDES105 **Description**
Now that we have a basic understanding of web layout we will dive into more advanced layouts and techniques with HTML and CSS in this module. This module will explore a richer understanding of CSS selectors, layout and web strategy.

WDES105 **Objectives**
- HTML and CSS Review
- Floats and Clears Review
- CSS Positioning
- CSS Layout types
- CSS Compound and Contextual Selectors
- CSS Rules of Rule Conflict

WDES105: **Equipment and Supplies Needed**
- An external drive (USB/firewire flash drive)
- Web Host and Domain Name
- FTP Client

WDES105: **Relevant Skills and Concepts to Review Prior to First Class**
- XML Markup, in particular XHTML
- CSS Syntax and basic properties
- CSS Selectors
- Floats and Clears

WDES105: **Exercises and Deliverables**
- What color will the text be?
- Castle Exercise
- Cocktail Project

WDES105: **Format for Deliverables**
The work that you complete for this module should be delivered to your teacher by sending an email with a link (not an attachment) to a zip file of your completed materials. The zip file should be hosted on your web server with a url that follows this structure:

http://www.YourSite.com/cdia/WDES105/FristName_LastName.zip.

The zip file should be a folder that is arranged as specified in the final deliverable handout. If anything about this is not clear, please ask your instructor for clarification.

For all work, **Keep an additional duplicate of your assignments on a secondary removable drive**. Losing information from any disk prior to final evaluation will not be an excuse for incomplete assignments. All media is fallible and you are still responsible for the assignments if you lose information on one of your Macintosh media, this pertains to all your classes.

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Final presentation of all your assignments is extremely critical to your final grade.

WDES105: **Optional Supplemental Readings**
Books:
- *Bulletproof Web Design: Improving flexibility and protecting against worst-case scenarios with XHTML and CSS*
  Dan Cederholm
- *Handcrafted CSS: More Bulletproof Web Design*
  Dan Cederholm, Ethan Marcotte
- *Web Standards Solutions: The Markup and Style Handbook*
  Dan Cederholm
- *CSS Mastery: Advanced Web Standards Solutions*
  Simon Collison, Andy Budd, Cameron Moll

Websites:
- W3C: World Wide Web Consortium
  http://www.w3.org/
- W3Schools
  http://www.w3schools.com/

WDES105: **Software Required**
- Firefox
- Fire Bug for Firefox
- Web Developer for Firefox
- BBEdit/Text Wrangler

WDES105: **Topics to Cover**
- CSS
  - Positioning – Static, Relative, Absolute and Fixed
  - Top, Bottom, Left and Right
  - Z-index
- CSS Layout Types
  - Fixed
  - Liquid
  - Responsive *(only briefly introduce media queries **do not spend too much time here!**)*
  - Elastic
- CSS Compound and Contextual Selectors
- CSS Rules of Rule Conflict
  - Specificity
  - Importance (point system)
  - Cascade

WDES105 **Session by Session Breakout**
WDES105: **Session 1**
- Topic

WDES105: **Session 2**

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- Topic

WDES105: **Session 3**
- Topic

WDES105: **Session 4**
- Topic

WDES105: **Session 5**
- Topic

WDES105: **Session 6**
- Topic

WDES105: **Session 7**
- Topic

WDES105: **Session 8**
- Topic