WEB DESIGN CURRICULUM

WDES103 HTML and CSS 1

WDES103 **Description**
This module is an introduction to HTML and CSS. In this class we will introduce the general syntax of XML, discuss HTML as the foundation of the web and introduce CSS, which is used to make the web visually appealing.

WDES103 **Objectives**
- File Management and Pathing
- Introduction to XML syntax
- Introduction to HTML and XHTML
- Required Tags
- Inline vs. Block Level Elements
- Introduction to CSS
- The Box Model
- CSS Typography

WDES103: **Equipment and Supplies Needed**
- An external drive (USB/firewire flash drive)
- Web Host and Domain Name
- FTP Client

WDES103: **Relevant Skills and Concepts to Review Prior to First Class**
- Skill

WDES103: **Exercises and Deliverables**
- Build a one column website (very basic)

WDES103: **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/WDES103/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.
Final presentation of all your assignments is extremely critical to your final grade.

BU Center for Digital Imaging Arts

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WDES103: **Suggested 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/

WDES103: **Software Required**
- Firefox
- Fire Bug for Firefox
- Web Developer for Firefox
- BBEdit/Text Wrangler

WDES103: **Topics to Cover**
- File Management
- XML Syntax
  - Element
  - Attributes
  - Value
- Required HTML Tags
  - Html
  - Head
  - Title
  - Body
  - Doctype
  - Meta Charset
- Block Level Elements
  - H1-6
  - P
  - Ol/ul/li
  - Div
  - Table/tr/td
  - Form
    - Action
    - Method
- Inline Elements
  - A
    - Href

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- - - Target
  - Img
    - Src
    - Alt
  - Strong
  - Em
  - Del
  - Span
  - Label
  - Input/Select/Textarea
    - Type
    - Name
    - Value
- CSS Syntax
  - Rule
  - Declaration
  - Property
  - Value
- Box Model
  - Height/Width
  - Margin
  - Padding
  - Border
  - Background
    - Image
    - Attachment
    - Position
    - Repeat
    - Color
- Web Typography
  - Color
  - Font-size
  - Font-weight
  - Font-variant
  - Font-family
  - Text-decoration
  - Text-transform
  - Text-align

WDES103 **Session by Session Breakout**
WDES103: **Session 1**
- Topic

WDES103: **Session 2**
- Topic

WDES103: **Session 3**
- Topic

WDES103: **Session 4**

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- Topic

WDES103: **Session 5**
- Topic

WDES103: **Session 6**
- Topic

WDES103: **Session 7**
- Topic

WDES103: **Session 8**
Topic