DEVELOPING FOR THE WEB
Beyond the Basics

Presented by Jacques Walker

Course Objectives

- Expand on CSS Modifications
  - Build the navigation
  - More CSS3
  - Finish the mobile version
- Explore Dreamweaver templates
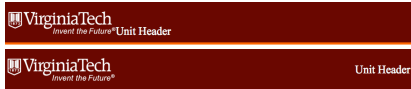- Expand the discussion

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Intro Course Review

- Basic Code Structure
  - Attribute [colon] followed by the modification [semi-colon]
    - Width Property Example
      - width: 800px;
- Declarations
  - Used with stylesheets
    - Classes: Proceeded by a period (.header)
    - ID: Proceeded by a pound sign (#header)
    - Tags: HTML Elements (img or p)
  - Example:
    - .header{
        width: 800px;
      }
    - 1st: Define the area
    - 2nd: List your changes

CSS Attribute Modifications

- Modifying an HTML attribute with CSS
  - . header p{
- Enhanced Strength of CSS
- Any HTML within any class
  - Paragraph, links, images, ordered and unordered lists

From here to there

Create Site in Dreamweaver

- Go to Shared Folder on Desktop
- Copy Exercise Site to your Desktop
- Open Dreamweaver
  - Create a new site

Floating Header text

- Open index.html
- Modify our original header
  - Add HTML from Appendix A, line 20

- Make our text float!
  - Set the area then modify the element
  - Add text from Appendix A, lines 42 - 45

CSS Horizontal Navigation

- Based on unordered lists
- Comprised of:
  - Background Images
  - Element styling
    - Single and Nested
      - .navigation ul {
      - .navigation ul li{
  - Pseudo Classes
    - a:link, a:visited, a:hover, a:active

Creating Horizontal Navigation

- Create a unordered list in the
  .navigation div
- Switch to code view and
  select stylesheet.css
- Navigate to the class .navigation
  - Add the information from Appendix A, lines 60 - 74

CSS3 Mods

- Reliant on some CSS1 & CSS2
  - Pseudo Classes
    - a:link, a:visited, a:hover, a:active
  - Add information from Appendix A, lines 75 – 83

- CSS3 Pseudo Classes
  - First-of-type
    - First instance of an html element
    - In this case, the first list item
  - Add information from Appendix A, lines 84 – 86

    http://reference.sitepoint.com/css/pseudoclasses

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Nesting and Floating Divs

- Nested Divs

- Floating
  - Ordered by:
    - Placement
    - Alignment
  - Width is crucial

Building Nests and Floating

- Grab a bunch of straw weave it together then put it in a pool.

  Oh wait! that's the wrong class.

  Oops!

- Nesting and Floating
  - Create a div called left_bar inside the content div
    - See Appendix A, Lines 135 – 153 for properties

Finishing the mobile version

- Media Queries
  - An if – then statement for CSS
  - Based on screen size, device, media, etc.
- Our Example
  - For any screen with a width of 500px or less do this
    - @media all and (max-width: 500px)
  - From Appendix A add line 155 – 174

http://mobile.smashingmagazine.com/2010/07/19/how-to-use-css3-media-queries-to-create-a-mobile-version-of-your-website/
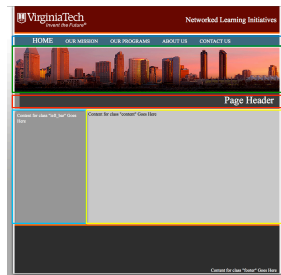
http://www.w3schools.com/css/css_mediatypes.asp

Dreamweaver Templates

- Ease Site Changes
- Like CSS, but for content
- Simplify site creation
- Protect styling

What makes up a Template

- HTML Content
  - Static or Dynamic
- Images
- Editable Regions
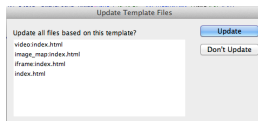- Repeating Regions
- Optional Regions

Building a Template

- Insert>Template Object>Make Template
- Select page_title div
  - Insert>Template object>Editable Region
- Select content div
  - Insert>Template object>Editable Region
- Select left_bar div
  - Insert>Template object>Editable Region
- Save

Working with Templates

- File > New > Page from Template
- Select our template and make changes
- Create 2 additional pages

Pushing Template Changes

- Three quick steps:
  - Make your changes
  - Save the file
  - Click Update to push the changes through the site

Resources

- W3 Schools
  - http://www.w3schools.com
- Lynda.vt.edu
  - Site Navigation with CSS in Dreamweaver
- InnovationSpace
  - 1140 Torgersen Hall
- Dreamweaver Scholar site

Questions?