DREAMWEAVER CS5
PART 3
Advanced Topics and Multimedia

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Course Objectives

- Expand on CSS Modifications
  - Horizontal Navigation
  - Floating and Nested Divs
- Learn the purpose of Dreamweaver templates
- Create a Template from an existing webpage
- Perform a series of multimedia exercises
  - Iframes, Image maps, Videos

CSS Attribute Modification Review

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

Create Site in Dreamweaver

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

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

- Open index.html
- 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 94 - 115

Nesting and Floating Divs

- Nested Divs

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

Building Nests and Floating

- Add a background image to the page content div (Appendix A, line 139)
- Nesting and Floating
  - Create a div called Left_Content
    - See Appendix A, Lines 157 – 170 for properties
  - Create a div call Right_Content beneath the one above
    - See Appendix A, Lines 171 – 186 for properties

Why do we create 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 Left_Content div
  - Insert>Template object>Editable Region
- Select Right_bar div
  - Insert>Template object>Editable Region
- Save

Iframes

- Iframes display an outside site within an HTML page
- Benefits
  - Automatically updated
  - Supported by all browsers
  - Easily created and modified
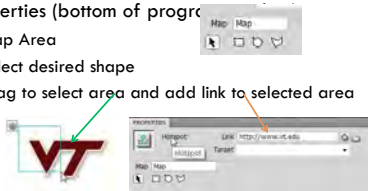- Let's try it out!!

Creating an Iframe

- File>New>Page from Template
- Select the template that we just created
- Insert>HTML>Frames>Iframe
  - Specify Source = link to page
  - Specify Height
  - Specify Width
- Ex. <iframe src=http://vt.edu width="600" height="600">Text to display if Iframe not supported</iframe>

Image Maps

- Creates an image with different links depending on cursor location.
- Benefits
  - Better visual representation of content
  - More efficient use of content
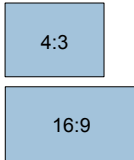 - Better use of page layout
- Let's give it a try

Creating an Image Map

- Insert image
  - Properties (bottom of progra
    - Map Area
    - Select desired shape
    - Drag to select area and add link to selected area

Inserting Videos

- Flash Videos
- A visual balancing act
  - 640x480px
  - 480x320px — 4:3
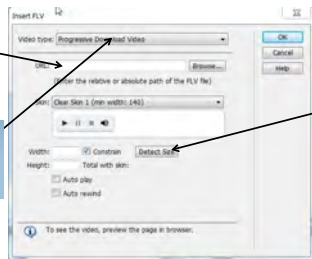 - HD issues
    - 720x480px — 16:9
- Lets Play!

Inserting a Video
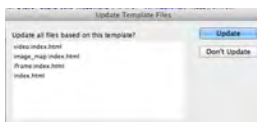
- Insert>Media>FLV

URL to video file

Streams Videos or Progressively Downloads

Automagically detects the size of videos

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?

```css
@charset "utf-8";
.Main_Content {
    /*----Type----*/
    font-family: Verdana, Geneva, sans-serif;
    /*----Background----*/
    background-color: #FFF;
    /*----Block----*/
    text-align: left;
    /*----Box----*/
    padding: 5px;
    width: 974px;
    margin-top: 0;
    margin-right: 0px;
    margin-bottom: 0;
    /*----Border----*/
    border-top-width: 2px;
    border-right-width: 2px;
    border-bottom-width: 2px;
    border-left-width: 2px;
    border-top-color: #999;
    border-right-color: #999;
    border-bottom-color: #999;
    border-left-color: #999;
    /*----Positioning----*/
    position: absolute;
    /*----Styling to Center Main_Content----*/
    margin-left: -48Ï px;
    left: 50%;
}
.Main_Content p{
    /*----Box----*/
    margin-top: 0px;
    margin-right: 4px;
    margin-bottom: 0px;
    margin-left: 4px;
    padding-top: 0px;
    padding-right: 1px;
    padding-bottom: 0px;
    padding-left: 1px;

}
.Header {
    /*----Background----*/
    background-attachment: scroll;
    background-image: url(Images/sp_header.jpg);
    background-repeat: no-repeat;
    background-position: center center;
    /*----Box----*/
    width: 974px;
    height: 82px;
    margin-bottom: 5px;
}
.Navigation {
    /*------Type----*/
    font-family: Arial, Helvetica, sans-serif;
    font-size: 1em;
    font-style: normal;
    line-height: 1.71em;
    color: #FFF;
    /*-----Background----*/
    background-image: url(Images/nav_bar.jpg);
    background-repeat: repeat-x;
    /*----Box---*/
    height: 45px; /*--Determined via firebug--*/
    margin-top: 1px;
    margin-right: 0px;
    margin-bottom: 0px;
    margin-left: 0px;
    padding-top: 8px; /*--Determined via firebug--*/
    padding-right: 1px;
    padding-bottom: 0px;
    padding-left: 1px;
    /*----List---*/
    list-style-type: none;
}
```

```css
 76  .Navigation ul  {
 77  margin: 0;
 78  list-style-type: none; /* Needed to eliminate list item marker */
 79  text-align: center; /* Centers navigation bar */
 80
 81  }
 82  .Navigation ul li {
 83  display: inline; /* Needed to create horizontal effect */
 84  padding-left:20px;
 85  padding-right:20px;
 86  background-image:url(Images/divider.jpg);
 87  background-position:left;
 88  background-repeat:no-repeat;
 89  }
 90  .Navigation ul li a {
 91  text-decoration: none; /* The setting of "none" allows the link to not be underlined. This is up to user preference. */
 92  padding: 30px; /* Gives the link space inside it's individual block. */
 93  color: #fff; /* Set as desired */
 94  }
 95  .Navigation ul li a:hover {
 96  color: #8eb1c7;
 97  }
 98  .Page_Content {
 99      /*---Type---*/
100      font-family: Arial, Helvetica, sans-serif;
101      font-size: 14px;
102      font-style: normal;
103      color: #000;
104      /*---Background---*/
105      background-color: #f4f3e6;
106      background-repeat: repeat-y;
107      /*----Box--*/
108      margin-top: 0px;
109      margin-right: 1px;
110      margin-bottom: 0px;
111      margin-left: 1px;
112      padding-top: 0px;
113      padding-right: 1px;
114      padding-bottom: 0px;
115      padding-left: 1px;
116      /*---Positioning---*/
117      width: 971px;
118      position: relative;
119      /*---Extra Stuff--*/
120      min-height:240px;
121      background-image: url(Images/content.jpg);
122      overflow:auto;
123      }
124  .Footer {
125      /*---Type---*/
126      font-family: Verdana, Geneva, sans-serif;
127      font-size: 12px;
128      color: #FFF;
129      /*--Background--*/
130      background-image: url(Images/footer.jpg);
131      background-repeat: repeat-x;
132      /*---Box---*/
133      padding-top: 67px;/*--Determined via firebug--*/
134      padding-right: 1px;
135      padding-bottom: 3px;
136      padding-left: 3px;
137      height: 21px;/*--Determined via firebug--*/
138  }
139  .Left_Content {
140      font-family: Arial, Helvetica, sans-serif;
141      font-size: 14px;
142      color: #000;
143      padding: 5px;
144      width: 701px;
145      float: left;
146      height:auto;
147      margin:0px;
148      position:relative;
149  }
150  .Right_Bar {
```

```css
151        font-family: Arial, Helvetica, sans-serif;
152        font-size: 14px;
153        color: #000;
154        padding: 5px;
155        float: left;
156        width: 235px;
157        margin-top: 0px;
158        margin-right: 5px;
159        margin-bottom: 0px;
160        margin-left: 10px;
161        position: relative;
162    }
163
```