



Create Websites with Dreamweaver

Control Your Web Presence

Adobe recently announced significant changes to Dreamweaver, offering a brilliant new interface making websites easier to build—and more beautiful than ever before. Empowering non-technical users to build a website, this class you will teach you how to create a basic brochure-style website using Adobe Dreamweaver.

Adobe Certified Instructor Melissa Piccone shows you how to:

- Create a website from start to finish
- Apply web design best practices
- Understand Dreamweaver basics
- Customize Adobe Stock Templates
- Identify basic code to help troubleshoot

Join us for this helpful class that will give you the tools you need to have your website up and running.

Introduction - Slides 9:00-9:05

Intro to HTML, CSS and Project – 90 minutes

Review Webpage in Browser – 9:05-9:15

- Open Websites, simple and Bootstrap in Chrome and talk about what we are going to create
- Show plain bootstrap template in Browser for comparison
- What is Responsive Web Design
 - Compare – webwitchery.com
 - Show sites on phone
 - Google wants mobile friendly pages
 - History – used to have targeted web pages, one for each size
- Navigation, images, using CSS instead of images
- Creating styles
- Customizing a template
- Copy and paste CSS – social media icons

Designing in Photoshop 9-15-9:30

- Create screenshot of Bootstrap template for design in Photoshop (template.psd)
- Open Donut Assets folder in Bridge
- Begin in Photoshop – Students Can Follow along – New Photoshop document
 - Create Artboards
 - Pull images from Bridge
 - Pull resources / create resources in Libraries
- Mood Board Art board – colors, logo, etc.
- Design Artboard - on top of template (donutwebpage.psd)

Save Images for Web 9:30-9:45

- Organize layers
- Name layers
- Save for Web Legacy
- Quick Export As – prefs
- Generate
- Locate saved images and create a root folder on desktop

Getting Started in Dreamweaver 9:45-10:00

- All students can do hands on
- Open Dreamweaver
- Understand the Start Up Screen
- Create a Custom Workspace
 - Start in default standard
 - Insert menu at top
 - Close cc libraries
 - Files and CSS Designer group – designer 2 columns top
 - DOM Assets Snippets group under CSS Designer, DOM showing
 - Add Properties Panel at bottom
 - Save
- Organize content for website – on desktop
- Understand Website Organization
- Define a Site in Dreamweaver
- Create a blank HTML page – save as index.html
- Define the interface parts

What is HTML 10:00-10:15

- All Students can do - hands on
- Tag language – the foundation
- Tags come in pairs
- HTML 5 tags are semantic
- Hand coding and understanding simple
 - Create a simple page in text edit
 - Create same HTML in DW
- Open Finished Simple - Review the HTML (set Prefs fonts – larger so they see code)

What is CSS 10:15 -10:30

- Can't exist without HTML
- Makes sites pretty
- Hand coding not recommend
- Can be simple or complicated
- The Cascade
- <http://www.csszengarden.com/>
- Explore the CSS in the finished simple page

Break

Simple Responsive Page from Scratch for Computer (Everyone can follow along) - 75 minutes

Prepare to Create a page – 10:45-10:50

- On Desktop: Create a new root folder
- Images in images folder
 - Create images folder
 - Copy logo and coffee and donuts over
 - Put bite image in library and copy over from there
- Create new site in dw
- Files showing in our files tab
- Create and save new blank page – index.html

Add HTML5 Sections to Page 10:50-11:05

- Talk about semantics of HTML
- Change Page title
- Insert cursor in body tag
- Insert div = #container
- Insert nav
- Insert header
- Insert aside
- Insert main
- Insert footer
- Add placeholder text – ipsum.com
 - 4 paragraphs in main
 - one paragraph in aside
- Save and view in browser

Add and Explain CSS 11:05-11:15

- Create and save new css – main.css
- Create css for each section in CSS Designer
 - #container and HTML5 tag css
- Switch to Box Model psd
 - Tags, Classes, Ids
- Go through helper html files
 - Box model
 - Css formatting vs html formatting
 - Html Defaults and reset

The CSS Designer 11:15-11:25

- Explain the CSS Designer
- Add basics – body, p, h1, h2 – padding
 - body {
 - background-color: #F1DEB3;
 - color: #431A14;
 - font-family: source-sans-pro, Arial, sans-serif;
 - font-style: normal;
 - font-weight: 400;
 - line-height: 1.5;
 - }
 - p, h1, h2 {
 - margin-left: 15px;
 - margin-right: 15px;
 - }
- Give sections background colors
 - nav{
 - background-color: #24A6E1;
 - padding-top: 10px;
 - padding-bottom: 5px;
 - header {
 - background-color: #8F789D;
 - margin-top: 0px;
 - aside {
 - background-color: #F1DEB3;
 - main #fff
 - footer - pink
- Create some Headers in the HTML and Style – h1 and h2
 - h1, h2 {
 - color: #8F789D;
 - font-weight: bold;
 - margin-top: 18px;
 - }
 - h1 {
 - font-size: 250%;
 - }
 - h2 {
 - font-size: 200%;
 - }
- Create ul in nav
- Preview in Browser

Floats and Clearing 11:25 -11:35

- Add Header text in design view – h1, h2 (design view)
- Style Sections
- Aside float 30%
- Main float right 60%
- Footer Clear float both

Insert Responsive Images and Background Image 11:35-11:45

- Add pattern to body as background image
- Drop Logo in header – could put padding on image or on head section
 - .logo {
 - display: block;
 - margin-left: auto;
 - margin-right: auto;
 - padding-top: 25px;
 - padding-bottom: 25px;
- Add Container background color for sidebar
- Bite.jpg in aside
 - Responsive – remove width and height in HTML
 - Create CSS - aside img – with image selected, click new selector to let DW help
 - aside img {
 - width: 100%;
 - height: auto;
 - margin-top: 15px;
- Explain Descendant Selectors
- Inheritance and Specificity
- Coffee and donut image – create and apply float left class
 - .floatLeft {
 - float: left;
 - margin-right: 15px;
- Alt tags

Using the DOM 11:45-11:50

- Use the DOM to navigate through the HTML code
- Can double click next to tag and add css
- Can insert and delete in DOM

CSS Reset -11:50-12:00

- Add a reset – and explain - <http://meyerweb.com/eric/tools/css/reset/>
- Copy and paste it into a new CSS to stay organized
- Explain how to create a new css, link an existing css, etc.

Lunch

Create and Style Links and Nav 1:00-1:20

- Create some links in main,
- add email link in footer
- Style Links – LoVe HAte focus
 - `a:link, a:visited {`
 - `text-decoration: none;`
 - `font-style: normal;`
 - `font-weight: bold;`
 - `color: #8F789D;`
 - `}`
 - `a:hover, a:active, a:focus {`
 - `color: #F1DEB3;`
 - `}`
- Style Nav Links
 - `nav ul {`
 - `padding: 0px;`
 - `margin-top: 0px;`
 - `overflow: hidden;`
 - `list-style: none;`
 - `}`
 - `nav li {`
 - `display: inline-block;`
 - `width: 150px;`
 - `text-align: center;`
 - `}`
 - `nav a:link, nav a:visited {`
 - `text-decoration: none;`
 - `color: #FFFFFF;`
 - `font-weight: bold;`
 - `}`
 - `nav a:hover, nav a:active, nav a:focus {`
 - `color: #ED9ACC;`
 - `}1:`

Add Social Media Buttons 1:20 – 1:30

- Paste html
- Create / link news social.css
- Font Awesome – link and download
- Talk about re-linking to their own personal pages
- Saving the code as Snippits
- Can use images as an alternative to CSS only

Media Queries in our Simple Page – 1:30 -1:50

- Make our page look good on all screens
- Must be in Live View to resize screen
- Explain Media Queries
 - Create max-width 800
 - @media (max-width:800px){
 - #container {
 - width: 100%;
- Explain Inheritance – all the other settings come from above
- @media (max-width:550px){
 - #container {
 - width: 100%;
 - border-left: 2px solid #431A14;
 - border-right: 2px solid #431A14;
 - border-bottom: 22px solid #431A14;
 - background-color: #F1DEB3;
 - }
 - aside {
 - background-color: #F1DEB3;
 - float: none;
 - width: 100%;
 - }
 - main {
 - float: none;
 - width: 100%;
 - background-color: #FFFFFF;
 - }
 - .logo {
 - display: block;
 - margin-left: auto;
 - margin-right: auto;
 - padding-top: 25px;
 - padding-bottom: 25px;
 - width: 200px;
 - height: auto;
 - }
 - nav li {
 - display: list-item;
 - text-align: left;
 - margin-left: 24px;
 - }
- Preview on Phone – landscape and portrait and in browser

Bootstrap Page

Creating a Bootstrap Webpage – 1:50 – 2:00

- Create a Bootstrap Template Page
 - Explore files that are created
 - Media queries
 - View in Live mode and split mode – resize the page with handle
- What is Bootstrap - <http://getbootstrap.com/>
 - Framework – 12 columns – bootstrap grid.psd
 - Built in CSS - <http://getbootstrap.com/css>
 - Prebuilt responsive template – media queries

Customizing the Bootstrap Template

The Nav Bar -2:00 -2:15

- Create a new Menu Bar with an online generator -<https://work.smarchal.com/twbscolor/>
- Copy CSS into new nav.css and Attach new CSS for Menu
 - Test in browser
- Using the DOM, delete unwanted menu parts
- Change link names and Add new Links in Design View
- Save as index.html
- Test the page in a browser

Custom CSS – 2:15 - 2:30

- Create a Custom css – donuts.css
 - body {
 - font-size: 16px;
 - line-height: 1.5;
 - color: #8F789D;
 - }
- Font family – click to bring up fonts
 - p {
 - color: #8F789D;
 - font-family: source-sans-pro, Arial;
 - }
- Get Source-sans and Lobster from Web Edge Fonts
 - h1, h2 {
 - font-family: lobster;
 - font-style: normal;
 - font-weight: 400;
 - }
 - Make custom font stacks – click in CSS Designer – Font Family properties

Break

The Header Section – 2:45-3:05

- Delete template header content, except for paragraph text
- Create and apply:
 - #tagline {
 - font-size: 20px;
 - line-height: normal;
 - }
- Apply #hero to div .jumbotron in HTML / DOM
 - #hero {
 - margin-top: -20px;
 - background-color: #F1DEB3;
 - }
- Insert Responsive Logo from Bootstrap insert menu
 - Point image to logo
 - Add alt tag
 - Add css center block to image (part of Bootstrap)

Add Images in Head

We want 2 background images. CSS3 can handle multiple background images, but we have several places to put more than one, so we will use them for simplicity.

- #hero – add pattern
 - background-image: url(../images/pattern.gif)Pattern.gif
- #hero .row {
 - background-image: url(../images/donut.png);
 - background-position: 0% 0%;
 - background-size: contain;
 - background-repeat: no-repeat;
- }

Change the layout with Bootstrap – move the columns around in the header section.

- Change the Bootstrap CSS for the div containing the logo:
 - Large Screen
 - .col-lg-6
 - .col-lg-offset-3
 - View xs Screen
 - col-xs-7
 - col-xs-offset-5
- The sm and md should be fine.
- Test in browser
- If there are issues – fix with media queries next

Create Custom Media Queries 3:05-3:10

- @media (max-width:767px){
 - .jumbotron .container .row {
 - background-size: 175px auto;
 - }
 - }
- @media (max-width:550px){
 - #hero .row {
 - background-position: -111px 0px;
 - }
 - }

About Us 3:10-3:15

- Examine HTML and structure
- New id #about, apply to div
- #about {
 - background-color: #8F789D;
 - color: #F1DEB3;
 - margin-top: -30px;
 - padding-top: 0px;
- }
- -30 top margin
 - test notice margin doesn't work on smaller screens
 - text not centered vertically
- Add 5px top padding and test again
- New media query:
- @media (max-width:1199px){
 - #about {
 - margin-top: -50px;
 - padding-top: 10px;
 - }
- }

Main Section 3:15 -3:35

Organize HTML

- Change the name of the divs in the DOM to make semantically correct
 - div.row = main
 - each circle section div = article

In DOM -Remove testimonials etc up to .jumbotron

Remove all after .jumbotron, except footer. We will copy and paste the jumbotron for the remaining sections.

Adding the Icons

The first circle is donut.gif, shoot and point src placeholder – add alt tag

Insert Bootstrap – glyphicons

Insert a place holder for each article

Change Placeholder text:

- Donuts (image)
- Coffee (fa-coffee) or glyphicon-tint
- Menu (glyphicon-cutlery)
- Locations (glyphicon-map-marker)
- Rewards (glyphicon-gift)
- Swag (glyphicon-sunglasses)

Create the CSS and apply to glyphicon span

```
.mainicons {  
  
    color: #FFFFFF;  
  
    background-color: #8F789D;  
  
    border-radius: 50%;  
  
    padding: 40px;  
  
    font-size: 60px;  
  
}
```

Time Permitting:

- Adding Font Awesome - <http://fontawesome.io/get-started/>
- Download, unzip and add font awesome folder to site root
- Link css in page
- Go go font awesome examples – copy and paste 4x example
- Look up name font awesome cheat sheet - <http://fontawesome.io/icons/>
- Change glyphicon tint to coffee -

Set 2 Across Small and Medium Screens

- View page in small size
- Drag each div / article to be col-sm-6
- Test in Browser – notice alignment messed up – add text to make articles uneven

Fixing the alignment

Insert empty divs in DOM: (`<div class="clearfix visible-lg-block"> </div>`)

- Fixing the Columns Large Screen:
 - Insert an empty div after menu
 - class clearfix (for small devices)
 - visible-lg-block
- Fix for sm and md screens
 - After coffee and locations
 - clearfix
 - visible-sm-block visible-md-block

Pink Jumbotron 3:35-3:45

- In DOM, delete button and containing div
- You now have one column – start viewing in xs – ok, sm - ok
- Fix: Center row in md – .col-md-8, .col-md-offset-2, looks ok in lg
- Switch to design view
 - Type h1 title – Coffee & Donuts
 - Add image
- Create .flt_lt {
 - float: left;
 - margin-right: 10px;
 - }
- .flt_rt {
 - float: right;
 - margin-left: 10px;
 - }
- Create style for the box
 - .pinkbox {
 - background-color: #ED9ACC;
 - color: #431A14;
 - }
 -
 - .pinkbox p {
 - color: #431A14;
 - }

Call to Action Section -3:45-3:50

- Copy and paste pink jumbotron – select in DOM, copy and paste in code
- `.action {`
- `background-color: #FFFFFF;`
- `}`
- Single line of placeholder text – h1
- Insert large Bootstrap button
- `.action .btn {`
- `color: #F1DEB3;`
- `background-color: #24A6E1;`
- `}`
- Change button to Order Online

More Info Section – 3:50-3:55

- Copy pink jumbotron and paste
- Right click .pink in CSS designer to Copy .pink rename copy to
 - `.tanbox {`
 - `background-color: #F1DEB3;`
 - `}`
- content is a single header line with 1 paragraph

Footer Section -3:55-4:00

- Insert social media snippet html
- Make new css – insert social media css
- Apply .social to div
- Add email

Reference Links:

For HTML and CSS questions: <http://www.w3schools.com/>

CSSzengarden.com

Glyphicons: <http://glyphicons.bootstrapcheatsheets.com/>

FontAwesome cheat sheat: <http://fontawesome.io/icons/>

Customize Menu: <https://work.smarchal.com/twbscolor/>

Font Awesome: <http://fontawesome.io/get-started/>