

Announcements

- ❖ Make sure you check class announcements daily.
God Reference:
“Web Designer’s Guide to Adobe Photoshop”
Author: Chris Tull
ISBN-13: 978-1-59822-001-8
- ❖ Make sure your scores in `grades.cs.umd.edu` are correct.
- ❖ GNU Image Manipulation Program (GIMP)
 - ❖ <http://www.gimp.org/>

Dreamweaver

- ❖ Adobe Dreamweaver
 - ❖ Professional Web Development Platform
 - ❖ HTML
 - ❖ Coldfusion
 - ❖ JavaScript
 - ❖ PHP
 - ❖ CSS
 - ❖ others
 - ❖ <http://www.adobe.com>

Dreamweaver

- ❖ Let's go over some of the options for Dreamweaver.
- ❖ View→Toolbars (displays any toolbars not visible).
- ❖ Code/Split/Design
- ❖ Save option
- ❖ Title → Allows you to define the title.
- ❖ Preview → Using “earth globe”
- ❖ File → Validation
- ❖ View→Grid
- ❖ View→Style Rendering

Dreamweaver

❖ Insert

- ❖ Insert → Table
- ❖ Layout Objects → Div Tag
- ❖ Date
- ❖ HTML
- ❖ HTML → Text Objects

❖ Modify

❖ CSS Support

- ❖ Modify → CSS Styles
- ❖ Styles created for you (you can export them later on).
- ❖ You can define properties easily.

Dreamweaver

- ❖ Starter Pages
 - ❖ Predefined pages
- ❖ Predefined Page Designs (based on CSS).
- ❖ Predefined CSS Style Sheets.
- ❖ Creating JavaScript
 - ❖ File→New→JavaScript
- ❖ Creating CSS document
 - ❖ File→New→CSS
- ❖ Layer → Areas defined by `<div></div>`
- ❖ Animations can be created as well (JavaScript support lies underneath).

Photoshop

- ❖ Main elements
 - ❖ Menu Bar
 - ❖ Palettes
 - ❖ One of them is the Layer's palette
 - ❖ Toolbox
 - ❖ Small arrow in lower right corner provides more options
- ❖ To reset workspace (Window→Workspace)
- ❖ For web design change units of measurements to pixels
 - ❖ Edit→Preferences→Units&Rulers
 - ❖ Change Rulers and Type to pixels

Photoshop

- ❖ Let's create an image by
 - ❖ File→New
- ❖ Let's create a layer
 - ❖ Layer? – Like old plastic transparencies.
 - ❖ You should create your designs using layers.
- ❖ Adding Text
 - ❖ Select Horizontal Type Tool (T in toolbox).
 - ❖ Window→Character
 - ❖ To move text click on Move Tool (Top Right), select layer.
- ❖ To add custom shape
 - ❖ Select custom shape from toolbox (under rectangle if not visible).
 - ❖ CTRL-T to transform.

Layers

- ❖ Each layer can be seen as an image by itself.
- ❖ A combination of layers forms your final image.
- ❖ A layer can have
 - ❖ Text
 - ❖ Logo
 - ❖ Other elements
- ❖ Opening of Layers Palette via Window→Layers.
- ❖ Any time you create or paste something into an image Photoshop creates an image.
- ❖ You need at least one layer in photoshop.
- ❖ You can lock a layer to avoid any modification.
- ❖ To unlock the background layer double-click and provide a name.
- ❖ Layer styles are visual effects you can add to a layer.
- ❖ Layer styles are accessible in the layer palette (under *f*).
- ❖ Let's see some of the style options.

Marquee Tools

❖ **Creating a ellipse/rectangle**

- ❖ Select elliptical marquee.
- ❖ Dragging creates elliptical or rectangular area.
- ❖ Dragging and holding down shift key → creates perfect square or circle.
- ❖ Dragging and holding down alt key → creates an elliptical or rectangular area center at the point your first click.
- ❖ You can combine shift/alt.
- ❖ CTRL-D to deselect element or Select→Deselect.

❖ **Adding color**

- ❖ Select Foreground Color Square on toolbox.
- ❖ Select Paint Bucket Tool.

Extracting Part of an Image

- ❖ Bring in some images.
- ❖ Create image with appropriate dimensions.
- ❖ Make sure the background is transparent.
 - ❖ You will see the checkerboard pattern representing a transparent background.
- ❖ You can select a portion of the image using Marquee Tools, the “New Selection” button (leftmost button on the options bar), move option, and dragging selected area.
- ❖ You can select an irregular area by using the lasso tools.
 - ❖ Magnetic lasso tool recommended.
 - ❖ A complete selection is made once you work your way around.
 - ❖ Use ESC to remove selections.

Cropping

- ❖ Select the crop tool
- ❖ Select area of an image you want to keep.
- ❖ Press enter.

Final Exam

- ❖ Material (coverage/time/date) available online