

Computer Applications for the Theater

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M-W 8:30am-9:50am

Baker 140E Cluster

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Fall 2005

Adobe Photoshop

August 29th

What is Adobe Photoshop for?

- Two dimensional image manipulation and painting
- Photographic Corrections
- Graphic Design and Printing
- For Theater Designers
 - Paint Elevations
 - Renderings
 - Story boards
 - Portfolio
 - Swatches and patterns

Importing Images

- From scanner
 - Scanner Interface
 - DPI
 - LPI
 - Only Scanning as much as you need: Preview
 - Not Adjusting document blind in the scanner interface
- From web
 - <http://www.gettyimages.com/>
 - <http://www.corbis.com/>
 - www.freefoto.com
 - Google image base
- From file

Early Image Correction

- Rotate canvas
- View/fit on screen
- DPI/Image size
- Auto Levels
- Crop

Help

Homework Due on August 31st : Import

- Import at least two photographs at medium resolution from your portfolio.
- Import an image from the web.
- Import an image from a magazine.

August 31st

Selections

- Marquee Tools
- Lasso Tools
 - escape
- Magic Wand Tool
- Adding to a Selection
 - Shift/selection tool

- Subtracting from a selection
 - Alt/selection tool
- Selection Menu
 - Color Range
 - Feather
 - Modify
 - Grow
 - Similar
 - Save Selection
 - Channels
 - Warning...no merging of layers with saved channel

Moving Selections

- Copying
 - Ctrl/C
- Pasting (image size must be the same)
 - Ctrl/V
- Moving

Layers

- Transparent “Acetate” Layers
- Why do we use layers?
- Text Layers vs. Image layers
- Merging or flattening layers
- Linking layers
- Layer Opacity
- Layer Options
 - Options Palette
- Layer pull downs and menu
- Layers and Data
- Layers and Color Modes
- Buttons at bottom of Palette
- Background Layer: limitations

Homework: Due on September 7th : Selections

- Find a photo of two well-known people.
- Exchange their hair. Make your selections as clean as possible.
- Put the heads on ONE document. Use four layers: two for heads and two for hair.

September 5th

No Class-Labor Day

September 7th

Transforms

- Always use with selections
- Move
- Free Transforms (from edit or right click)
- Transform selection
- Navigator
- Hand Tool
- Magnifying Glass

History Palette

Color

- Color Picker
- Foreground Color
- Background Color
- Color Modes

- Eyedropper
- Swatches

Drawing/Painting Tools

- Airbrush
 - (Discuss brush palette)
- Paintbrush
- Rubber Stamp
- Pencil
- Eraser
- Paint bucket

Homework: Due on September 14th end of class: Layers, Selections and Transforms

- Make a face out of objects that would not normally be facial features (vegetables, plants, hardware, etc...)
- Build a document of at least five layers using the various selection tools.
- Work on top of existing face

September 12th

Demo of homework

Work on face homework in class

September 14th

Look at face homework

Other Tools

- Smudge
- Blur
- Sharpen
- Burn/Dodge
- Ruler
- Gradient

Text

- Creating Text
- Editing Text
- Text Color
- Text Layers...why they are special
- Layer Effects for Text

Demo Personal Image Construction

Homework: Due on September 21st: Personal Web Site Image

Your design must include the following:

- Imported material
- Layers
- Selections
- Painted areas
- Text
- A Gradient
- 8x6 proportion

September 19th

Work on Website homepage image in class.

September 21st

Look at Website images

History Palette

- Working back in time with the History Palette
- History Brush
- Working back in time on part of your document

The Actions Palette

- Streamlining your process by recording commonly used procedures

Filters

- Common Filters
 - Sharpen
 - Artistic
 - Render/Lighting Effects
- Plugins
 - From the Web
 - Purchased

Adjust Menu

- Levels
- Color
- Other

Photoshop Data

- Document Size
- Web
- Print
- Portfolio or Ad Quality
- Large Print Size

Homework: Due October 4th : Correct and Alter a Photograph

- Pick a Show Photo that needs help.
- Correct lighting and color.
- Add a lighting effect like a gobo.
- Add two more characters.

September 26th

Demo working on Photographs

Work on Photos in class

September 28th

View Menu

- Zoom
- Guides
- Hide
- Grid

Masking

- Using the Quick Mask Buttons
- Creating
- Saving and Loading
- Layer Masks

Paths

- Creating
- Adding to
- Subtracting from
- Filling
- Stroking

Homework: Due on October 12th: Scenic/Costume/Lighting Rendering/Storyboard

- Create a rendering based on a pencil sketch.
- The sketch may be one that you have created or one that you get from a book
- Create a storyboard of three different lighting looks for the storyboard

October 3rd

Demo building an image

Work on storyboard in class.

October 5th

Work on storyboard in class.

Microsoft Office: Powerpoint

October 10th

- Introduction to **Powerpoint**
- How to create a **Powerpoint** presentation

October 12th

Review storyboards

Macromedia Dreamweaver

October 17th

- Introduction to Dreamweaver
- Interface
- HTML
- Creating a Plan for your webpage

Homework: Due October 19th

Website Tree

October 19th

- Site Control
- Interface
- Page Properties
- Tables

Homework: Due December 5th

Website

October 24th

PLAYGROUND-NO CLASS

October 26th

PLAYGROUND-NO CLASS

- Text
- Flashtext

- Rollovers
- Links
- Headers

October 27th

- Create basic homepage in class
- Add your image
- Use flashtext

October 31st

- Create Subpages for your website
- Create Links to those pages

November 2nd

- Hot Spots
- Photo Albums (portfolios)

November 7th

- Work on getting your portfolio formatted and onto your website

November 9th

- Work on getting your portfolio formatted and onto your website

November 14th

- Frames
- Layers
- Metatags

November 16th

- Work on Website

November 21nd

- Work on Website

November 23rd

No Class, Thanksgiving

November 28th

- Flash

November 30th

- Getting your Website on line

December 5th

- Web hosting options
- Troubleshooting Websites

December 7th

- Look at websites!