

Computer Applications for the Theater

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M-W 9:00am-10:20am

Baker 140C Cluster

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Fall 2006

Adobe Photoshop

August 28th

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 30st : Import

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

August 30th

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 6th : 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 4th

No Class-Labor Day

September 6th

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 13th: 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
- Do some painting on the faces, perhaps adding shadow or color.

September 11th

No Class-Anne will be out

September 13th

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
- Warping Text-changing direction

Demo 2-D drawing of 3-d objects. Creating volume and texture in Photoshop

Homework: Due on September 18th at end of class: Personal Web Site Image

Your design must include the following:

- Imported material
- Layers
- Selections
- Painted areas
- Text
- A Gradient
- 800wx600h pixels-72dpi

September 18th

Work on Website homepage image in class.

Look at Website images

September 20th

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 Demo

Homework: Due September 27th : 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 25th

Demo working on Photographs

Discussion of ethics of altering photos

Work on Photos in class.

Bring Photos to class.

September 27th

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

Look at Photo Homework

October 2nd

Demo building a scene.

Work on scene in class.

Bring pencil sketch to class.

October 4th

Demo: using your image to create a storyboard

Demo storyboard and creating light and shadow.

Homework: Due on October 16th: 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 another source, or it can be a photo of a white model.
- Create a storyboard of three different lighting looks for the storyboard.
- You may do a costume storyboard, but you will need to create at least 6 costume renderings.

October 9th, 11th

Work on Storyboard in class

October 16th

Review Storyboards

Microsoft Office: Powerpoint

October 18th

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