

Digital Imaging

Performance Standard 1: Introduce Photo Booth

1. Take a variety of pictures
2. Place the pictures in IPhoto
3. Learn to make adjustments in IPhoto
4. Prepare albums and calendars with the pictures in IPhoto

Performance Standard 2: Getting Started with Photoshop Elements

1. Understand photo-editing software
2. Define intellectual property
3. Start Photoshop Elements 3.0
4. View the Photoshop Elements work areas
5. Open and save a file
6. Explore the Organizer
7. Explore the Editor
8. Use Help Close a file and exit Photoshop Elements

Performance Standard 3: Acquiring Images

1. Obtain an image from a digital camera
2. Obtain an image from a scanner
3. Obtain an image from a video frame
4. Open a Camera RAW file
5. Divide batch-scanned images
6. Save a file in Photo Browser
7. Use manipulation tools
8. Add images to Photo Browser from a folder
9. Use the Crop tool and View Options

Performance Standard 4: Making Auto Adjustments to an Image

1. Use the Auto Fix Window in Photo Browser
2. Improve an image in Quick Fix
3. Adjust Auto Fix options
4. Use a photo filter to adjust color tone
5. View a histogram
6. Adjust levels
7. Adjust shadows and highlights
8. Adjust hue and saturation

Performance Standard 5: Sharing Photos

1. Understand resolution
2. Crop a photo to a preset size
3. Print a photo
4. Use Picture Package
5. E-mail a photo
6. Save an image for e-mail or the Web
7. Resize an image for print
8. Apply an unsharp mask
9. Create a Web photo gallery

Performance Standard 6: **Adjusting Color and Alignment in Standard Edit**

1. Straighten an image
2. Apply color variations
3. Understand color and RGB channels
4. Adjust individual RGB channels
5. Adjust black and white points
6. Selectively adjust hue and saturation
7. Convert an image to black and white
8. Colorize an image

Performance Standard 7: Using Retouching Tools

1. Increase color saturation
2. Lighten or darken an area

3. Blur or sharpen an area
4. Smudge color
5. Remove red eye
6. Clone pixels
7. Heal imperfections
8. Create a photo montage

Performance Standard 8: Using Selection Tools

1. Work with a marquee selection
2. Create a shape with a selection
3. Work with a lasso selection
4. Extract a selection
5. Modify a selection
6. Understand the Magic Wand tool
7. Make a color selection
8. Use the Selection Brush Tool

Performance Standard 9: Applying Filters and Effects

1. Apply a filter using the Filter menu
2. Remove dust and scratches
3. Create a blur effect
4. Use the Styles and Effects palette
5. Understand the Lighting Effects filter
6. Create lighting effects
7. Create an effect with a custom brush
8. Create a lens flare
9. Emulate artistic media effects

Performance Standard 10: Managing Layers

1. Understand layers
2. Hide or show a layer
3. Move or rename a layer
4. Add, copy, or delete a layer
5. Create a layer from another file
6. Adjust layer opacity
7. Move a selection and apply a layer style
8. Link layers
9. Group layers
10. Merge and flatten layers

Performance Standard 11: Transforming Layers

1. Rotate or flip a layer
2. Freely rotate a layer
3. Freely transform a layer
4. Change perspective
5. Scale, skew, and distort a layer
6. Correct barreling distortion
7. Use the Liquify filter

Performance Standard 12: Creating Type and Shapes

1. Create and format type
2. Modify color, alignment, and style
3. Create warped text
4. Apply a type effect
5. Scale and simplify a shape
6. Create a basic shape

7. Create a compound shaper
8. Create a custom shape

Performance Standard 13: Downloading from the camera and scanner

1. Creating original projects with downloaded pictures placed into PowerPoint

Evaluation and Assessment

Rubric

Students will be evaluated on meeting the objectives for each performance goal
Creating an iPhoto Album, library, and slide show
Creating PowerPoint presentations by importing, placing and modifying pictures
Using iPhoto and Photoshop to edit
Trimester Test

Resources

Technology staff
Media Center and library facilities

Web Sites

www.atomiclearning.com
www.Apple.com
www.Discovery.com (B.J. Pinchbeck's Homework and help page)

Textbook

Adobe Photoshop Elements 4.0
Handouts relating to iPhoto