

Assignment #8: Digital Image Portfolio

Assignment

For this assignment, you are going to create a Digital Image Portfolio. Your portfolio will be a collection of images saved in Microsoft Powerpoint.



Your portfolio will include the following...

- **Slide 1** – Portfolio Cover Page (Your Name, Project Name, and Date)
- **Slide 2** – Digital Artwork
- **Slide 3** – Screen Capture of your computer desktop
- **Slide 4** - Digital Photograph (Portrait) – your own original photo
- **Slide 5** – Digital Photograph (Landscape) – your own original photo
- **Slide 6** – Digital Photograph (Still Life) – your own original photo
- **Slide 7** – Digital Photo Editing (Black and White) - Show Original and Edited Image
- **Slide 8** – Digital Photo Editing (Red Eye Reduction) - Show Original and Edited Image
- **Slide 9** – Digital Photo Editing (Special Filter) - Show Original and Edited Image
- **Slide 10** – Digital Photo Editing (Captions/Labels) - Show Original and Edited Image
- **Slide 11** – Digital Photo Editing (Rotate Image) - Show Original and Edited Image
- **Slide 12** – Scanned Image
- **Slide 13** – Assignment Reflection (200-300 words)

Digital Artwork

There are many tools to create digital art work. These art-oriented software programs and web-based (Web 2.0) applications are designed especially for painting, drawing, coloring, and creating original art work. Most of these tools mimic traditional artistic media such as oils, watercolors, acrylics, pencils, markers, crayons, chalk, pastels, and felt pens. Many of them also offer a variety of unusual, non-traditional tools.

For this assignment, create digital artwork that represents a minimum of one hour of effort using a variety of functions within the application. You can accomplish this using any number of tools including:

- **Microsoft Paint** (Software included with the Windows operating system)
- **Sketchpad** - <http://mudcu.be/sketchpad/>
- **iPaint** - <http://www.jswidget.com/index-ipaint.html>
- **Sketchtoy** – <http://www.sketchtoy.com>
- **Sketchpad.io** - <http://sketchpad.io>
- **Google Drawing** - <http://drive.google.com>
- **PaintBrush** - <http://paintbrush.sourceforge.net> (open source software, Mac only)
- **TuxPaint** - <http://sourceforge.net/projects/tuxpaint> (open source software)
- **GIMP** – <http://www.gimp.org> (open source software, Mac & Windows)
- **Seashore** - http://seashore.sourceforge.net/The_Seashore_Project/About.html (open source - Mac only)

Screen Capture

A “screen capture” or “screen shot” is the term used to describe the action of capturing your computer desktop or anything shown on your computer screen to a static image file. In other words, it is a way of taking a snapshot, or picture, of your computer screen. It is a highly effective technique for capturing any image that cannot be obtained in any other way.

Digital Photographs

Digital photography is a form of photography that uses an array of light sensitive sensors to capture the image focused by the lens, as opposed to an exposure on light sensitive film. The captured image is then stored as a digital file ready for digital processing (color correction, sizing, cropping, etc.), viewing or printing. Until the advent of such technology, photographs were made by exposing light sensitive photographic film, and used chemical photographic processing to develop and stabilize the image. By contrast, digital photographs can be displayed, printed, stored, manipulated, transmitted, and archived using digital and computer techniques, without chemical processing. With the proliferation of devices with digital camera capabilities, these tools give students the opportunity to take integrate photography into their digital projects.

For this assignment, take three original photographs—one each of the following: **Still Life**, **Portrait**, and **Landscape**.

- **Still Life Photography** is the depiction of inanimate subject matter, most typically a small grouping of objects. Still life photography, more so than other types of photography, such as landscape or portraiture, gives the photographer more leeway in the arrangement of design elements within a composition.
- **Portrait photography** or portraiture is photography of a person or group of people that displays the expression, personality, and mood of the subject. Like other types of portraiture, the focus of the photograph is usually the person's face, although the entire body and the background or context may be included.
- **Landscape photography** is intended to show different spaces within the world, sometimes vast and unending, but other times microscopic. Photographs typically capture the presence of nature but can also focus on man-made features or disturbances of landscapes, especially within contemporary photography. Landscape photographers often attempt to document the space as well as convey an appreciation of the scenery.

Digital Photo Editing

The days of retake after retake are over with the continuing evolution of photo editing software. The minor errors that would've sent your pictures to the trash bin in the past can be fixed with a few clicks of the mouse using one of the many digital photo editing tools. There will be times when a photo is too difficult to fix or simply unfixable; however, those are going to be few and far between if you have the right tool and a little "know how." Digital photo editing involves a degree of learning, but that's to be expected when you're dealing with software that has so many useful functions. Fortunately, there are applications with streamlined feature sets, built-in tutorials, and easy-to-follow directions for those of us who don't have a lot of experience with such capable products. Whether you choose one or the other depends greatly on what you need your photo editing software to do and your level of experience.

For this assignment, take an original image of your own and do the following...

- Digital Photo Editing (**Black and White**) - Show Original and Edited Image

- Digital Photo Editing (**Red Eye Reduction**) - Show Original and Edited Image
- Digital Photo Editing (**Special Filter**) - Show Original and Edited Image
- Digital Photo Editing (**Captions/Labels**) - Show Original and Edited Image
- Digital Photo Editing (**Rotate Image**) - Show Original and Edited Image

You may use any photo editing tool to complete this assignment; here are some for your consideration.

- **Adobe Photoshop Elements** (commercial software)
- **Adobe Photoshop** (commercial software)
- **Aperture** [Apple] (commercial software)
- **Corel PaintShop Pro** (commercial software)
- **Pixlr** – <http://www.pixlr.com>
- **MugTug Darkroom** – <http://mugtug.com/darkroom>
- **Simple Image Editing Tool** - <http://sourceforge.net/projects/siet/>

Scanned Image

In computing, an image scanner, often abbreviated to just scanner, is a device that optically scans images, printed text, handwriting, or an object, and converts it to a digital image. A common type of scanner found in many school districts is the desktop (or flatbed) scanner where the document is placed on a glass window for scanning. Your school may even have photo copiers with digital scanning capabilities.

For this assignment, scan an image of any photo, illustration, graph, table, or graphic with a penny in the bottom right of the image. Place the coin carefully on the scanner bed so as not to scratch the scanner glass. Save the image as a .jpg file and reduce the file size to less than 500k, next upload the file to the assignment dropbox.

ALTERNATIVE ASSIGNMENT: If you do not have access to a scanner, write a 500-word original report on how scanning technology could be used in your classroom if you had the equipment. Cite all resources in APA format.

Assignment Reflection

Write a 200-300 word reflection on this assignment. You might include what was difficult, what you liked or disliked about the assignment, describe the software used, describe what you might do differently if you had to do this type of assignment again, and/or describe what you learned.

Submission

You will submit your project as a .ppt or .pptx file. **The file size of your portfolio must not exceed 25 MB.** Likely, you will need to compress images within PowerPoint to reduce the overall PowerPoint file size. Use the Microsoft PowerPoint built-in help system to find specific directions for your software version.