Resources – Digital Image Compression

Digital Image Editing Basics

Fundamentals of creating, editing and sharing digital images.

PURPOSE

Digital images originate from a variety of sources (digital cameras, scanned images, saved images from the web, or screenshots from a computer) and are useful for courses.

Key concepts

» Digital images are composed of a grid of pixels (diminutive illuminated squares)
» Resolution - number of pixels per displayed inch (ppi) or dots per inch (dpi) of a printed image
» Image size or pixel dimensions convey total number of pixels used in an image. An image used on a web page may only be 300 px wide, while an image suitable for print might be closer to 3000 px wide
» Start big - you can always scale down.
» Common tasks: cropping, rotating, resizing, enhancing images, creating montages or saving to the web.

PROCEDURE

Tools for working with digital images:
» Photoshop - industry standard image editor
» Gimp - free and Photoshop-like
» Mac users - OSX comes with Photo app
» Cloud based - Pixlr, Google Photo

Storing images: Flickr, Google Photo, iCloud
Sharing images: Instagram, Flickr

CONSIDERATIONS

Web photos may be copyrighted. Consider Creative Commons licensed photos. Be sure to indicate clear usage rights when sharing.

BEGINNER

Find out more at » nwaccco.org/card/imagebasics
References – Digital Image Editing Basics

