

# DIG3118

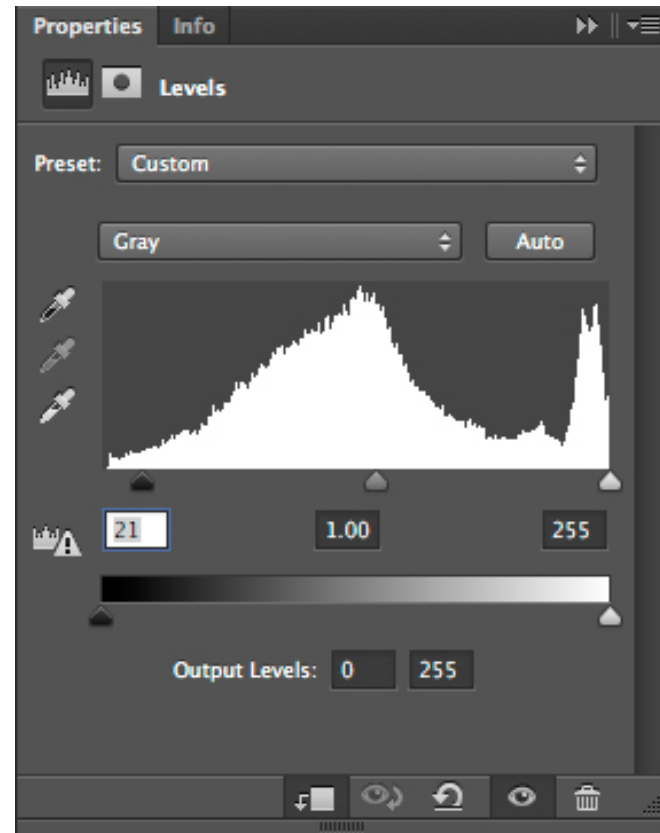
Digital Graphic Design  
Week 9

# Objectives

- Learn how to adjust contrast in B&W photos to enhance the images by applying a Levels adjustment layer
- Learn the History tool to jump to previous states of an image during a working session
- Learn the various retouching tools available in Photoshop. These work in a destructive manner in that they will alter existing pixels in an image.

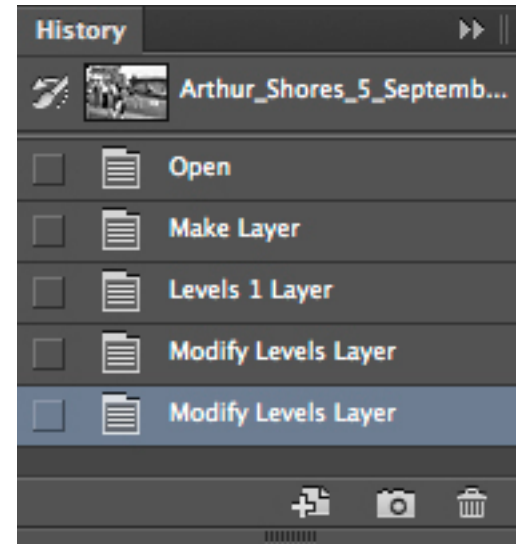
# Adjusting the contrast of B&W

- Select the layer to be affected
- Apply an Adjustment Layer of Levels to the selected layer
- Hold the OPT/ALT key to visually see the affect of changing the shadow point and highlight point
- This is a non-destructive change



# Multiple undo w/History

- Open the History panel from menu Window>History
- Jump back to previous states of the image by selecting an older state
- Jump forward to newer states of the image by selecting a newer state



# Retouching tools

## Clone Stamp tool

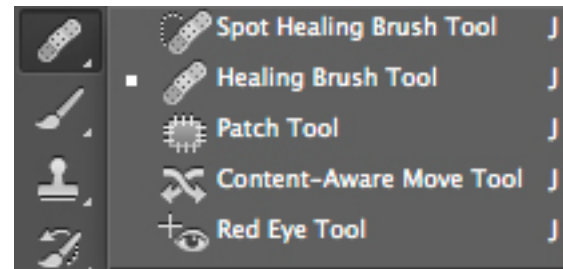


- Works by establishing a sample point
- Hold OPT/ALT and click to create the sample point to copy from
- Paint one part of an image over another

# Retouching tools

## Spot Healing Brush tool

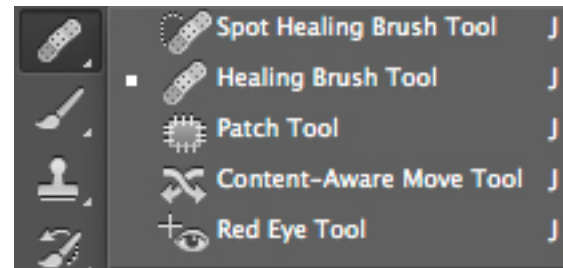
- Removes blemishes and other imperfections from photos
- Works by painting sampled pixels including textures, lighting, transparency and shading
- Click and drag through the area to be repaired
- Does NOT have to manually establish a sample area



# Retouching tools

## Healing Brush tool

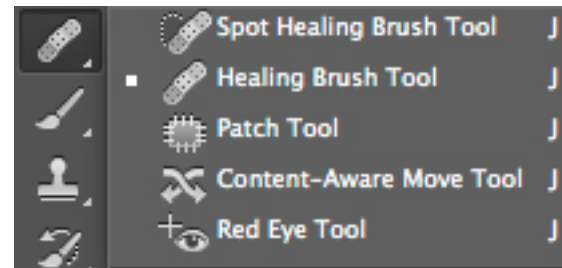
- Removes blemishes and other imperfections from photos
- Works by painting sampled pixels including textures, lighting, transparency and shading
- Click and drag through the area to be repaired
- Hold OPT/ALT key and click to establish a sample point



# Retouching tools

## Patch tool

- Repairs a selected area with pixels from another area
- Make a selection of the area you wish to alter
- Select the Patch tool
- Position your cursor inside the selection area and drag to move the patch into position

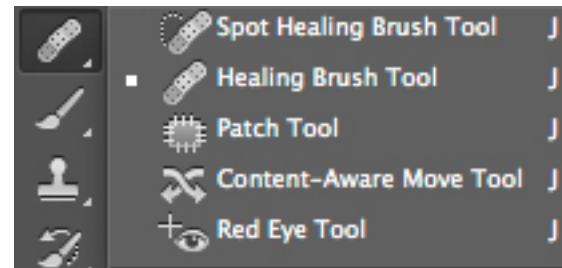




# Retouching tools

## Content Aware Move tool

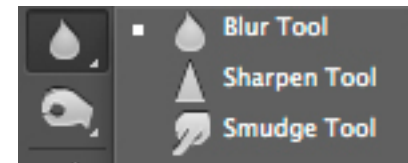
- Moves elements with an image while Photoshop fills in the missing details
- Make a selection
- Select the Content Aware Move tool
- Drag the selection to a new location on the image
- Retouch any blemishes w/the Healing brush



# Retouching tools

## Blur and Sharpen tools

- Blur will smooth edges which may have been created while applying retouching tools
- Sharpen enhances edges which may have been created while applying retouching tools



# Retouching tools

## Dodge and Burn tools

- The names come from darkroom techniques in traditional photos
- Dodge tool works by lightening the areas it is applied to
- Burn tool works by darkening the areas it is applied to

