

## Digital Imaging 1

### Practice Using Healing Brush and Patch Tools

#### Practice skills

- Use healing brush to repair blemishes. (CS 2 Spot Healing Brush)
- Use the patch tool to repair larger areas.
- Use clone tool to repair some textured areas and edges.
- Use adjustment layers>levels to correct contrast generally and specifically.
- Use Unsharp mask filter to increase illusion of greater focus. (CS 2 Smart Sharpen).

#### Resource Files:

Use image “Old Image” from Photoshop Samples folder or download from Blackboard. Save image in your folder with initials.

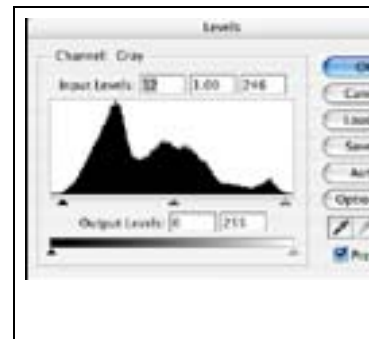
#### Procedure:

##### Patch, Healing, and Clone Tools.

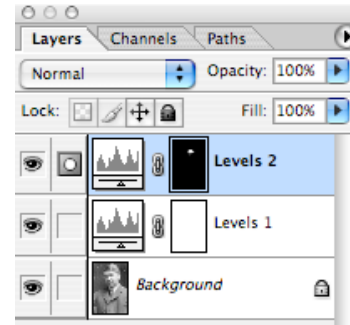
1. Open image: “old image” in Photoshop Samples folder provided.
2. Select the Patch tool and drag around an area that contains a larger imperfection. (It makes what looks like a selection.) Then click and drag the “patch selection” to a like area that is clean without imperfections. The background area is good for this.
3. Select the Healing brush\* tool. Hold down Option key (Mac) Alt key (Windows) and click on an area similar in texture to an area where small scratches and marks occur. (For example, the suit to repair the scratches on the suit) This sets the source for repairing scratches and other marks. \*If you have CS2 try painting with the new Spot Healing Brush.
4. Paint over scratches and other artifacts. Consider varying brush size. Use short strokes over small imperfections in the area of similar texture as the source points. *Reselect different areas for source by option clicking repeatedly.*
5. Select the Clone tool. Option key (Mac) Alt key (Windows) click a source in the background and paint with small brush along the edge of the suit, hair and other areas to define background along the edge of the suit.
6. Look closely at the tie. Zoom in. Try the cloning tool with small brush to repair the light scratch on the tie. Try to follow the plaid of the ties light/dark areas.
7. Save version to this stage.

##### Adjusting contrast using Adjustment Layers

1. Use Layer>New Adjustment Layer>Levels. This adds an Adjustment above the selected layer.
2. Move the arrow/sliders Left and Right in towards the center until they touch data as in example on the right. Click “OK”. This will increase contrast of the entire image.
3. Make a feathered (5+ pixels) lasso selection around the right eye and eyebrow area of the face. This eye is a little light so we will adjust just this area.



4. With the selection active, make another Levels Adjustment Layer. This time, select the Adjustment Layer>Levels from the b/w circle pop up menu at the bottom of the Layers palette.
5. A “mask” will appear on this adjustment layer blocking out the rest of the image from being changed.
6. Move the left slider till it touches data to its right. This histogram will have streaks of white in it. (It indicates the image has been modified.) Save.



### Sharpening the Image

1. Select Filter>Sharpen>Unsharp\* mask. (If you have CS2 try the “Smart Sharpen” tool. Use Photoshop Help menu for further information.
2. Move image so that the face area shows in the small square of the dialogue box. Increase the **Amount** of sharpening in 50% increments. Leave **Radius** at 1 or lower at .5. Do not increase the Radius above that.
3. Watch the sharpening **Amount**. If too much sharpening appears in textured areas try increasing the **Threshold**. This keeps textured or areas with noise from appearing too sharp while sharpening desirable areas in image.
4. Select areas such as eyes and maybe hair to sharpen selected this area more. Be sure to use a slightly feathered selection before selecting the sharpening filter.
5. Save layered finished work with your name/initials to your work folder.

**Submission:** Submit to instructor as directed and get checked off for completed work.

*Following is before and after example:*

