

Photo Restoration

From Wikipedia, the free encyclopedia

http://en.wikipedia.org/wiki/Photo_restoration

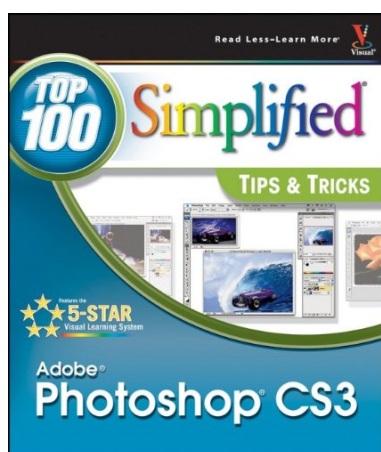


Photo Restoration is the practice of restoring a photograph which has been damaged by natural, man made, or environmental causes or simply affected by age or neglect.

Digital Photo Restoration

Digital photo restoration uses a variety of **image editing** techniques to remove visible damage and aging effects from photographs. **Raster graphics editors** (see list below) are typically used to repair the images and add to a photo where pieces are torn or missing. Dirt, scratches, and other signs of photographic age are removed from the photograph manually, by painting over them meticulously. Unwanted colorcasts are removed and the image's contrast or sharpening may be altered in an attempt to restore some of the contrast range or detail that is believed to be in the original image.

1st Step – Introduction / Research



Book: Adobe Photoshop CS3: Top 100 Simplified Tips & Tricks (Top 100 Simplified Tips & Tricks) ... students have it on a pdf form on their desktop computer and a hardcopy in my brown cabinet.

As a **contact sheet** (or power point), with **before and after photos**:

Chapter 4 - Exercises # **31, 33, 34, 36, and 39**

... extra credit if you do all the exercises in this chapter

- **Teacher Demo** on the **healing brush** tool & the **patch** tool *with* exercise #31

Chapter 5 – Exercises # **41, 42, 43, 44, 45, 46, 49,**

.... and extra credit #50 (in camera RAW / Adobe Bridge)

After completing these exercises, students will have a better understanding and skill set in Adobe Photoshop. Students will scan (if they bring home photos to restore), manipulate, restore and colorize various photos. Students will develop skills in

Photoshop that will be used in the following exercises. Students will work with traditional photographs (taken with a film camera). They will be able to recognize the “problems” in an old photo and will judge which of the tools would be best to use to restore those photos. Students will learn specific Photoshop vocabulary, such as cloning, healing, layers, opacities/transparencies, quick mask, eraser and brush tools, adjustment layers, blur and noise, shadow layers, cropping, feathering, and ways of selecting objects using the marquis, lasso and magic wand tools. Once students have completed these exercises, they will be prepared for later lessons that will utilize the skills learned in these exercises.

2nd step – Planning

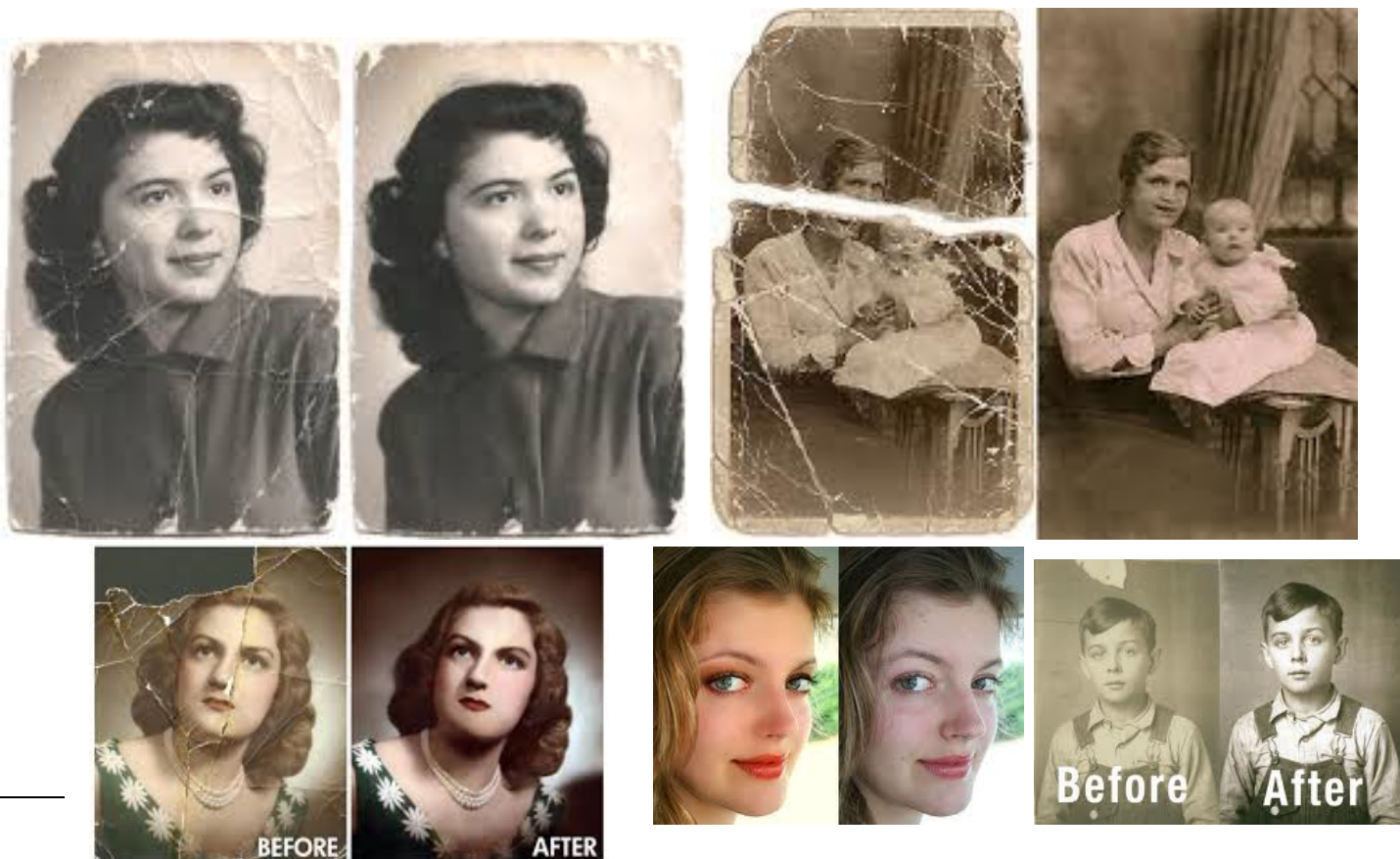
Homework: Students need to obtain a photo that needs restoration.

Teacher Demo:

- **Colorizing a B/W ... MOVIE STAR photo - 10 points**
 - Introducing **color blending** in the layers palette / right click

3rd step – The Process

- (think-pair-share)
Teacher/ Student **discussion** on what you can do to “Restoring a torn photo”
– shown on the enlarger.
 - **5 points** for participation
- Now it’s the student’s turn, they will ***restore a torn, beaten-up photo.*** (Have a ***before and after***)
 - **25 points**
 - ***Please try to get a level 4 to 5 restoration photo.***



4th step – The Critique & Evaluation

Evaluation based on:

- Following Directions,
- Craftsmanship (neatness)
- Creativity,
- Composition (layout arrangement) – please think of the composition rules when layout your images
- Effort

- A. **Critiques**, so the student can get feed back on how the Photo Restoration is progressed (maybe make some last minute changes).
 - **5- 10 points** for participation
- B. **Reflection** with a **self-evaluation** rubric – this is your time to tell me your thoughts – strengths and growths... maybe even problems/ **challenges they may had to overcome**, such as, computer problems. Opportunity to communicate to the teacher.
- C. Once the student is done with the above, it will be **teacher evaluation**. 25 -28 points.