

E1: Basic Workflow (Camera RAW)
(25 Points)

Name: _____

Original Images due: _____

Exercise due: _____

Objectives:

1. Practice Adobe Camera RAW basic workflow to optimize tone, color, and sharpness from your digital capture.

Requirements:

1. Prior to this exercise, you will need to shoot your own original photographic images. See the handout, **138 Photo Hints**, if you need some guidance on basic photography principles. Shoot 5 images that are people, landscapes, or interesting objects.
 - Make sure everything is in focus if possible. (shoot f-11, f-16, f-22 if possible)
 - Avoid motion blur and shallow depth of field. (shoot f-11, f-16, f-22 if possible)
 - Have a strong central object that fills at least 50% of the frame.
 - Have at least two distinct colors.
 - Shoot with some kind of white balance device in each new lighting situation.
 - Have a good overall exposure. Have a histogram with information all the way across.
2. Look at the **Digital Best Practices** Sheet to help guide your workflow order.
3. Save your image right from the camera as your ORG image (files names shown below).
4. After going through the related tutorials, you will take your best image and apply the following workflow steps below for optimization.
5. Turn in a folder into the drop box: mtruitt_E1 with the following files:
 - Original: mtruitt_E1_#-ORG.nef (Nikon RAW, whatever file format you shot)
 - RAW Edit: mtruitt_E1_#-edit.dng

Camera RAW – starts on p. 94**Camera RAW Setup & Foundation**

- Interface – p. 96-100
- Workflow Options – p. 104
- Color Space and image sizing options – p. 107
- Process Version – p. 132
- Camera Profiles and specific defaults – p. 202 (optional)
- Histogram – p. 113
- Image Browsing – p. 114
- Preferences – p. 118
- Presets – p. 252
- Synchronize settings – p. 249
- Snapshots – p. 254

Camera RAW Workflow

- White Balance Tool – p. 126-131
- Basic Menu – p. 146-
 - White Point Adjustment – p.
 - Black Point Adjustment – p.
 - Highlights – p. 140
 - Shadows – p. 141
 - Procedure / Recommended adjustment order – p. 152-155
 - Clarity – p.152
 - Vibrance & Saturation – p. 156 - 157

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- Tone Menu – starts on p. 158
 - Adjust Contrast to help make a visual emphasis in the image
 - Try Target Adjustment feature
- HSL Menu – p. 164
 - Make your two stronger colors stand out more visually. This can still be subtle, but use the sliders to some degree.
 - Out of gamut colors – p. 171
 - Hue & Saturation – p. 172
- Lens Corrections – starts on p. 168
 - Synchronize Upright Settings – p. 182
- Retouch as necessary
 - Spot Removal tool – p. 210-219
- Effects & Vignetting Controls – p. 190
- Local Adjustments:
 - Use Adjustment Brush and/or Graduated Filter to help with visual emphasis
 - Adjustment Brush – p. 222
 - Graduated Filter Tool – p. 223
 - Radial Filter Tool – p. 240
- Save this as your RAW-edit image (file names shown below) – p.116

Sharpening, Detail, and Noise

- Overview – p. 261
- Detail Menu – p. 266
 - Portrait Example – p. 276
 - Landscape Example – p. 277
 - Fine Detail Example – p. 288
 - Adjust luminance and color noise as necessary – p. 290

Finishing

- Save (or export in Lightroom) your final version as a .dng file
- Submit your folder with files to the dropbox.

Folder Name:

Example: mtruitt_E1

File Names:

Example:

Original: mtruitt_E1_#-ORG.nef (Nikon RAW, whatever file format you shot)

RAW Edit: mtruitt_E1_#-edit.dng