<u>Topic</u>

- ☐ **H&H Color Lab**
  - ☐ ACR Workflow Steps
    - ☐ open images into ACR from Bridge
      - ☐ select a range of images with similar shooting conditions
    - ☐ White Balance
      - ☐ recommended - use a grey target
        - ☐ H&H Zebra Card
        - ☐ Macbeth Grey Patch
        - ☐ other color calibration Device
    - ☐ Adjust Sliders on Basic Tab
      - ☐ Work top to bottom
      - ☐ Exposure
        - ☐ adjusts highlights
        - ☐ hold down Alt/Opt key will show you clipping
        - ☐ put just a hint of red on skin tone THEN
        - ☐ use color sampler tool to read value of red area
        - ☐ adjust exposure so the highest RGB value is no greater than 240
          - ☐ (sRGB color space)
          - ☐ in lightroom - slightly different - use 94%
      - ☐ Recovery
        - ☐ brings back hightlight detail lost with exposure adjustment
        - ☐ not a miracle slider - will not recover overexposed data
      - ☐ Fill LIght
        - ☐ brings detail back into shadow areas
        - ☐ can introduce noise in shadow areas if working with severely underexposed images
      - ☐ Blacks
        - ☐ hold down Alt/Opt key - will show you clipping
        - ☐ I like to see just a hint of color in pupils when holding down key
        - ☐ watch for blocked up detail - hair is one place to look
      - ☐ Brightness
        - ☐ adjusts midtones - I usually don't adjust
      - ☐ Contrast
        - ☐ I usually don't adjust
      - ☐ Clarity
        - ☐ increases apparant sharpness of image
        - ☐ increases edge contrast
      - ☐ Vibrance
        - ☐ boosts colors that are not skin tones
        - ☐ I add 10 - 20 vibrance on most images
      - ☐ Saturation
        - ☐ `increases colors - be careful - can make skin orange
    - ☐ Tone Curve
    - ☐ Detail
      - ☐ Sharpening
        - ☐ defaults are a great place to start
        - ☐ algorithms customized per camera manufacturer
      - ☐ Noise Reduction
        - ☐ Luminance
          - ☐ reduces clumpiness
          - ☐ can soften image
          Color

Noise Reduction
Luminance
reduces clumpiness

Topic

- ☐ Color
  - ☐ reduces color blotchiness
- ☐ HSL / Grayscale
  - ☐ Can be used to adjust specific colors in an image
  - ☐ Can be used to do B&W conversions in RAW
- ☐ Split Toning
- ☐ Lens Corrections
  - ☐ Chromatic Aberations
    - ☐ seen with wide angle lenses
    - ☐ also seen with full frame sensor cameras
  - ☐ Lens Vignetting
    - ☐ not crop based
    - ☐ is crop based in LR2
    - ☐ will be crop based in CS4 ACR
- ☐ Camera Calibration
- ☐ Presets