

Jordan Scott - Evanston Art Center

Course Syllabus for Fundamentals of Digital Photography Level 1 (5 weeks)

Class 01

- An introduction to the exposure triangle (hand-out)
- How a DSLR works (see slides)
- Important camera settings (see slides), including JPEG vs. RAW and setting ISO temporarily at 400
- The mode dial
- Holding a camera properly and hand-held camera shake
- Selective focus/focus lock
- Where to focus on people or pets/animals
- Shutter Speed (and hand-held camera shake) and its control of exposure and esthetic effects on freezing and blurring motion.
- Shutter priority mode
- Home practice/assignments on shutter speed in shutter priority mode (see slide)

Class 02

- Shutter speed and homework review
- 10 minute video on lens types
- Lens types and focal length and the esthetic effects of different types of lenses.
- Prime vs. Zoom
- Aperture/F-stops and depth of field
- Home practice/assignments on aperture/depth of field in aperture priority mode (see slide)

Class 03

- Shutter speed and aperture review
- How shutter speed and aperture relate for proper exposure in each mode.
- Outside (or indoor) practice on freezing and blurring motion and depth of field.
- ISO and its effects on exposure and image quality
- Exposure compensation in shutter priority and aperture priority
- Home practice/assignments indoors on using ISO to get proper exposure (see slide)

Class 04

- Review of the entire exposure triangle and how shutter speed, aperture and ISO each effects exposure and their aesthetic effects on an image
- The concept of "Equivalent Exposures"
- Fully manual mode
- Fully manual mode vs. shutter/aperture priority and exposure compensation and "mental workflow"
- Metering modes
- White balance in detail
- Histogram

Class 05

- Jordan Scott's "mental workflow" to taking any picture
- Ideas on composition
- Camera cleaning
- Proper backing-up of images and firmware update for camera and lenses