**DIGITAL CAMERA I**

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**-Syllabus-**

**week 01**

**INTRODUCTIONS; PHOTOGRAPHY & DSLR BASICS; SIMPLE CAMERA SETTINGS**

*in class: holding the DSLR, introduction to camera mechanisms& basic settings*
*assignment : shooting in Program (P) exposure mode with simple settings*

**week 2**

**EXPOSURE FACTORS: LIGHT, APERTURE & SHUTTER Pt. I, & ISO; MANUAL EXPOSURE MODE; CAMERA METER SCALE; BRACKETING**

*in class: the Aperture, ƒ/stop & Diaphragm, the Shutter/Curtains mechanism, bracketing demo*
*assignment 2: shooting in Manual exposure mode, bracketing 5-stops*

**week 03**

**APERTURE & SHUTTER Pt. II: DEPTH of FIELD & MOTION**

*in class: Depth of Field demo, Motion & "Panning" technique*
*assignment (2 parts) 3a: exploring Depth of Field & 3b: exploring Motion*

**week 04**

**EXPOSURE METER; METERING MODES; HISTOGRAM**

*in class: black, white, gray demo (the Two Worst Photographs You'll Ever Make!)*
*assignment 4: exploring Exposure Value*

**week 05**

**LENS BASICS; LENS-TYPES; FOCAL-LENGTH; FOCUSING MODES; CAMERA SENSOR FORMATS**

*in class: focal-length demo*
*assignment 5: portrait minding lens focal-length*

**week 06**

**WHITE BALANCE; BASIC COLOR; KELVIN SCALE BASIC COMPOSITION**

*in class: white balance controls, Kelvin scale*
*assignment 6: explore composition, rule of thirds / explore color creatively*

**week 07**

**CAMERA SENSOR + RESOLUTION, DIGITAL NOISE, BASIC EDITING SOFTWARE**

*in class: lecture regarding sensors, very basic Adobe LightRoom demo*
*assignment 7: open subject – photographs with intent*

**week 08**

**FINAL SLIDE SHOW, ACCESSORIES: LENS HOOD, FILTERS: SKY 1-A, POLARIZER, NEUTRAL DENSITY, TRIPOD, TELE-EXTENDER (telephoto), EXTENSION-TUBE (macro), LENS-BABY**

*in class: FINAL SLIDE-SHOW REVIEW, accessories demo*

## WEEKLY CLASS STRUCTURE

1. Critique of Student Assignment Photographs – technical/aesthetic w/questions
2. Lecture of new topics with hands-on demos/functions
3. Shoot together in & around the venue and grounds

## WEEKLY SUPPLIES

1. Digital Camera
2. Charged Battery
3. Camera Memory Card with free space
4. Notebook & pen
4. Camera Instruction Manual