

TABC Photography Club

Team Leader: Glenn Lesnick

Hours: Tuesday 5:40-6:40

The Photography Club offers an excellent opportunity to significantly improve your photographic skills. We will cover the basics of understanding all features in current DSLR's. You will learn the elements and techniques involved in composing and capturing artistic and aesthetically pleasing photos. In addition, we will cover the intricacies of exposure, lighting, fine art portraiture, workflow and post-process editing and printing. We will critique, evaluate and analyze student created images and gain from the feedback to improve on a weekly basis. The club will meet in a photo studio two blocks from TABC.

## Getting to know your equipment

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- Understanding the features found in DSLR's
  - JPEG vs. RAW
  - sensor size
  - crop ratio
  - memory cards
  - ISO
  - all buttons, dials and menu items on cameras
- All about Lenses
  - Fast vs. slow
  - F-stops,
  - prime vs. zoom,
  - macro and wide angle
  - Situations to use each

## Taking Better Pictures

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Elements of Great Photos (with plenty of sample images for each)

- depth of field, dimension, exposure, subject, motion (freeze/blur), color, lighting (specular vs. soft), shooting angle, lens selection, mood or feeling, emotion.

Compositional Techniques

- Rule of Thirds, leading lines, symmetry, filling the frame, horizon line placement, depth of field, background, framing, cropping, negative space, viewpoint,

separation, contrast, silhouettes, simplicity, S-curve, disequilibrium, triangle, reflections, horizontal vs. vertical, panoramas.

## Learning about Exposure

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- Relationship between ISO-Shutter Speed-Aperture
- Understanding how changes in each effect results
- 18% Gray Card
- Zone System
- Reflective vs. Ambient metering
- How to meter properly
- Understanding the Histogram and dynamic range
- Exposure Compensation
- HDR exposures and Bracketing

## All about Light

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- Seeing the light (digital cameras vs. our eyes)
  - Color of Light
  - Quality of Light (hard vs. soft) and how to control it
  - When and how to use each
  - Golden Hour
  - Accessories ie. Softbox, Reflectors, diffusers, snoots, barndoors
  - Using Gels
  - F16 Rule
  - Inverse Square Law
  - Off camera flash
  - Intro to strobe and studio lighting
  - Painting with Light
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# Portraiture

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- Posing basics for masculine vs. feminine
- Directional light and lighting patterns
  - o Rembrandt
  - o Loop
  - o Butterfly
  - o Split
- Fine Art Portraiture
- Color Calibration and Profiles
- Color Wheel and harmony
- Student use of studio lighting and backdrops to create professional quality photos

# Software and Workflow

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- Managing Photos
- Editing/Enhancing/Retouching
- Overview of Lightroom/Photoshop/Other Prof. Programs, filters and plugins.
- Live Edits

# Printing

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Paper types

Color matching and on-screen proofing

Scaling and resizing

Optimal Resolution (Ppi and dpi) for screen or print

Types and Output Comparison (metallic, lustre finish) metal prints, canvas prints

## **Ideas for Self Assignments**

Portrait of someone (for first meeting to compare vs. later progress)

Geometry

Parallel Lines

Depth of Field

B&W

Macro

Self Portrait

HDR

Street

In the Style of...(artist/photographer)

Pick a Color

Reflections

ABC in nature (spell name)

Long Exposure/Light Painting

Panorama

Lighting

Composite

Patterns

Weather

Food

Still Life