

ART 321 _ PHOTOGRAPHY II (Hybrid)

Week seven activities:

A. Expanding Lighting options: Projection Light Sources

As elements of Assignment Two demonstrated, studio lighting can involve more than the traditional lighting resources employed with flash or continuous illumination sources. There is a rather extensive and challenging list of alternative lighting tools that are available to the photographic artist and as new artificial light sources develop, this list continues to expand. Among the more exciting options for the photographers today is the use of projection lighting sources in the generation of their imagery. Projection sources may be from such traditional sources as older analog slide projectors, LCD projection devices and larger format theatrical projection tools.

MAJOR CONCEPTS FOR ON PROJECTION LIGHT SOURCES

A list of potential projection lighting sources:

1. Analog slide projectors - older slide projectors can be interesting lighting tools by themselves as they cast a very sharply focused light. When slides are projected from them their visual capacity expands dramatically.
2. Image projection devices – currently there are a wide variety of image projection devices manufactured for the consumer market. These can range from very inexpensive holiday projection tools (than can easily be modified for use in the photographer's studio) to complex tools used specifically for professional image projection.
3. LCD and LED digital projectors offer extensive image manipulation opportunities for the photographer. Currently these projection devices come in a nearly dizzying array of formats, sizes, etc. and offer varying imaging opportunities.
4. Overhead projectors come in varying formats today. Walmart offers an inexpensive analog model online. These offer a host of expressive lighting options to the photographer. Digital versions of the overhead projector (document cameras) have now become prevalent and offer further options to the photographer. The ZIGGI DOCUMENT CAMERA is an outstanding example of just such a lighting resource.
5. Self-constructed projection tools offer yet another option for the photographer. With a basic knowledge of optics one can presume that they may wish to create their own projection lighting devices from something as simple as the candle sources used with Balinese Shadow Puppets to sophisticated home grown projection lighting tools or modified projection lighting tools.

Following are links to two short videos examining the opportunities and some of the techniques afforded to artists by projection lighting sources:

The following video examines some of the opportunities offered by analog slide projectors and LCD/LED digital projection devices:

<http://jakehicksphotography.com/latest/2016/1/9/using-a-projector-in-your-photoshoot>

The following video looks at a range of projection devices and examines in further detail some of the lighting options they afford to photographers.

https://www.youtube.com/watch?v=XjGJ_S0MxFw

B. LIGHTING TERMS: Week seven

POLARIZING FILTER
SCOOP

C. Assignment Imaging sessions:

We will begin this week by looking at a variety of projection lighting tools that we have access to for our class.

D. Non-imaging assignment elements

Complete **Lighting Tutorial 3** in Lighting Journal

Please see the instructions that accompany your Lighting Journal for completing this portion of your course work.