DIGITAL PHOTOGRAPHY

Lesson Plan 4: October 4, 2015

Objective

Develop an understanding of the parts and basic functionality of a camera.

Materials

The **required** Text for this course is the ***Complete Digital Photography***
Eighth Edition. By: Ben Long
ISBN-13:987-1-305-25872-3

Access to the usage of a **Digital Camera and tripod** will be used for this block of instruction and will be **required** for completion of assignments.

Students will need **access to a computer** the *online* portion of the course instruction.

Hours

This class is a hybrid course and will include two hours of instruction, including both in class and online interactions.



Exposure

In this class, you will cover the fundamentals of exposure theory.

In chapter 5, you will learn about digitizing images, what the term bit refers to, and the dynamics of pixels in relation to image resolution. You will learn how image sensors work and color channels in an image. This will assist you in color adjustment, conversion, and correction.

In chapter 6, you will learn exposure basics. You will discover how to prevent over- and underexposed through the use of exposure control techniques. You will learn how valuable shutter speed and aperture balance is to the clarity and perfection of your image.

Homework

Extra Credit - 25points - Continue to keep a photo journal for each day during this course. Journal should include an image (taken by you - of course) and narrative about that image reflecting your experience with photography during this course. It should provide the details of what you learned and gained this semester in relation to photography