

CENTER FOR INNOVATIVE TECHNOLOGIES  
MASTER COURSE DOCUMENT

## **GIT 120 Digital Photography and Imaging**

**Course Description:** A course on producing quality images with digital cameras. Topics include: lighting; color balance; exposure; retouching; and reproducing images for uses including web, digital output devices, and printing presses.

**Prerequisites(s):** None

**Corequisite(s):** No corequisite

Lecture Hours: 2	Lab Hours: 3	Credit Hours: 3
Lab Fee: 105	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)		<input type="checkbox"/> Transfer Module Course (TM)
Course Format: Lec/Lab		Grading: A/B/C/D/F/I
Delivery Method: <input type="checkbox"/> Web <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Classroom		
Semesters Offered: <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer		

### **Course Primary Text:**

Title: Bryan Peterson's Understanding Photography Field Guide	Edition: Latest
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### **Supplemental Materials:**

Storage media, binder, digital camera with mode dial if available
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### **Course Outcomes:**

1	Properly focus, expose, and compose dynamic photographs of various subjects from product to portrait.
2	Understand camera and photography techniques and technical terminology.
3	Understand and execute basic lighting techniques.
4	Execute basic photo editing.

### **Course Topics:**

Week 1	Different types of cameras
Week 2	Parts of a camera and how it works
Week 3	Lenses: focal length, normal, wide, telephoto
Week 4	ISO
Week 5	Aperture/Depth of Field
Week 6	Shutter Speed
Week 7	Exposure, White Balance
Week 8	HDR

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Week 9	Light and lighting
Week 10	Composition
Week 11	File formats, jpg vs RAW
Week 12	Photo editing and output
Week 13	Product and portrait photos
Week 14	Captions, EXIF and Meta Data
Week 15	Final Project

**Methods of Evaluation/Assessment**

Lectures
Assignments/projects
Individual shooting experience for each student
Class discussions
Midterm and/or project exam
Portfolio

Course Keeper: Kathy Freed

Date Completed: 3/31/2019