

Course Objective: This course is an introduction to the technical and aesthetic properties of digital photography with an emphasis on the use of a digital camera as a tool for electronic photographic image making. Additionally, students will learn to create efficient digital workflow using basic image-editing skills and software programs.

Objectives:

- * Learn basic functions of a digital SLR Camera (DSLR) or mirrorless camera.
- * Gain understanding of interpreting and controlling light meter readings for proper exposure.
- * Gain understanding of the use of white balance to control unrealistic color casts caused by improper color temperature.
- * Learn the function of the ISO scale and controlling digital noise.
- * Introduction to use of on-camera flash and basic portrait lighting.
- * Gain basic understanding of digital software, applications and equipment (from input to output).
- * Build critical thinking and problem solving skills and learn formal art principles of image composition and design.
- * Learn how to describe, evaluate and discuss photographs through constructive and thoughtful critiques.

Attendance: Attendance is mandatory for both lecture and lab. This is an experience based class and growth comes only through continued active participation. **In case of an unavoidable absence, please contact me IMMEDIATELY (email is best). You are responsible for all missed information. Excessive tardiness (5 minutes plus) and/or absence (more than three classes) will result in a severely reduced or failing grade for the course regardless of performance.** Non-class open lab periods serve to provide additional work time. They do not serve as a replacement for scheduled class time.

Absences due to illness will only be excused by a doctor's note. Three unexcused absences will result in a failing grade. Three times late equals an unexcused absence. One unexcused absence deducts ½% from "Attendance". Leaving class early without permission will be considered an unexcused absence. Please see Georgetown Undergraduate Bulletin for more information. Lectures and/or critiques begin promptly at 1:00PM. Do not be late.

Requirements: All assignments and critique work are due on the dates specified in the syllabus. Late assignments/critique work must be brought to the attention of the professor prior to the due date. **Any late submissions will be penalized by one full letter grade for each class up to two weeks. After two weeks it will be considered an F.** Students are to attend all lectures/critiques and will be graded on participation. Expect to **edit** a minimum 30 to 60 shots per assignment.

Shooting Exercise: On location shooting during scheduled class time.

Assignments: Two assignments related to hands on camera operation and post digital production.

Exam (August 3rd Monday): Technical aspects of digital photography.

Final Project: Environmental landscape and self portrait.

All lab rules are to be followed at all times. This includes cleanliness, safety and respect to others. All students are expected to follow and adhere to the **GU Code of Honor**.

Aesthetic Examples:

1. Does your subject matter accurately capture the theme of the assignment?
2. Is there meaning or storyline?
3. Do the principles of design accentuate the overall meaning of the image? For instance, do lines define the visual form? Do light and color/tonal values create the effect of a three dimensional form?

Technical Examples:

1. Is the image correctly exposed?
2. Is the image in focus?
3. Is depth of field and /or shutter speed successfully executed?
4. Are the applications of photoshop seamless?
5. Cropping image structurally organized?

Each image submitted for grading will receive points for both aesthetic and technical categories. These points will be added together to give you your overall grade for that image.

Example:

<u>Aesthetic:</u>	Visually Interesting	35pts
<u>Technical:</u>	Post Production	20pts
	Exposure/Shadow/Highlights/ White Balance	20pts
	Focus	15pts
	Cropping	<u>10pts</u>
	Total	100pts

Overall Course Grading:

- 10% Attendance
- 10% Class Participation (Class shooting exercise, image edits, and discussion/participation during critique)
- 20% Exam
- 36% Critique Work (Two Assignments)
- 24% Final Project

GRADES:

A	94	B+	87	C+	77	D+	67
A-	90	B	84	C	74	D	64
		B-	80	C-	70	D-	60

OPEN LABS:

GELARDIN NEW MEDIA CENTER IN LAUNGER LIBRARY ON MAIN CAMPUS. GELARDIN IS ON THE FIRST FLOOR. PLEASE NOTE LIBRARY ENTRANCE IS ON THE THIRD FLOOR AND YOU MUST HAVE STUDENT ID OR DRIVERS LICENSE TO ENTER. YOU WILL USE THE PICCHI MULTIMEDIA CLASSROOM WHICH IS A SMALL LAB IN GELARDIN. PLEASE NOTE THERE MAY BE A PRIVATE LECTURE IN PICCHI ON OCCASION AND YOU MUST LEAVE AND RETURN AT A LATER TIME. ASK THE FRONT DESK WITH ANY QUESTIONS.

HOURS OF OPERATION:

MON-FRI 8:30AM TO 6:30PM

SAT NOON TO 5:00PM
SUN CLOSED

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SCHEDULE
DIGITAL 1/ Kelly Carr

**Text: A Short Course in Photography: Digital, (4th Edition) Jim Stone and Barbara London.
ISBN-13: 978-0134525815**

- July 6th M:** Lecture: Introduction to course; review syllabus; basic camera operations.
Review depth of field, shutter speed, lens focal length, equivalent exposures, bracketing, and design elements.
- July 7th T:** Lecture: Continue review basic camera operations. Practice hands on shutter speed/fstop. Practice WB, ISO, review Kelvin color temperature, RAW vs. JPEG.
Review Assignment One.
Assignment: Read: Chapter 1 Camera and Chapter 2 Lens.
- July 8th W:** Lecture: Continue review basic camera operations.
Shooting Exercise: Discuss Bauhaus. Practice shooting POV, Full Frame, Vantage Point, etc.
Assignment Read: Chapter 3 Light and Exposure, Chapter 4 The Digital Workplace Basics (Optional Reading), and Chapter 9 Seeing Like a Camera.
- July 9th R:** Lecture: Introduction to Bridge, Camera Raw, and Photoshop vertical and horizontal toolbar.
- July 13th M:** Lecture: Continue Photoshop vertical and horizontal toolbar.
Read: Chapter 7 Organizing and Storing.
QUIZ 1
- July 14th T:** Lecture: Practice edits with provided images and worksheet.
Have Shooting Exercise completed! Bring in Assignment One 100 images to be sorted and start editing.
Lecture: Appropriating images from the web. Review Transform and Liquify.
Lab: Post Production Assignment One.
- July 15th W:** Lab: Post production Assignment One.
- July 16th R:** Lecture: Review Exam.
Review Assignment Two.
Review portrait light and light painting.
Read: Chapter 8 Using Light
Lab: Post production Assignment One.

July 20th M: Lab: Post production Assignment One and Two.

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July 21st T: Lab: Post production Assignment One and Two.
Lab: Print Assignment One.
QUIZ 2

July 22nd W: CRITIQUE ASSIGNMENT ONE– CRITIQUE STARTS AT THE BEGINNING OF CLASS.
Lecture: Hand out Final Project information.
Lab: Post production Assignment Two.

July 23rd R: Lab: Post production Assignment Two and Final.

July 27th M: Lab: Post Production Assignment Two and Final.
QUIZ 3

July 28th T: Lab Print Assignment Two.
Lab: Post Production Assignment Two and Final.

July 29th W: ASSIGNMENT TWO CRITIQUE – CRITIQUE STARTS AT THE BEGINNING OF CLASS.
Lab: Post Production Final.

July 30thR: Lab: Post Production Final.

August 3rd M: EXAM
Lab: Post Production Final.

August 4th T: Lab: Post Production Final and print Final.

August 5th W: Lab Print Final.

August 6th R: FINAL ASSIGNMENT CRITIQUE– CRITIQUE STARTS AT THE BEGINNING OF CLASS. NO PRINTING

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MATERIALS – Digital I

Text: **Text: A Short Course in Photography: Digital, (4th Edition) Jim Stone and Barbara London. ISBN-13: 978-0134525815**

This is currently in fourth edition, and available at the bookstore. However, you can order first through third edition for a fraction of the price online. Also, this book is available for rent/borrow at much lower price online.

Camera: Digital single lens reflex (DSLR) camera or mirrorless camera with manual adjustments of f/stops and shutter speeds will be required. Bring cameras and manuals to class.

FOR DSLR: UV or skylight filter to fit lens - NOT THE LENS FOCAL LENGTH: A UV filter is used to protect your lens. It's a lot less expensive to crack or scratch a filter than a lens.

FOR MIRRORLESS: Screen protector and camera case. And **IF** there is a non-retractable lens get a UV or skylight filter to fit lens - NOT THE LENS FOCAL LENGTH: A UV filter is used to protect your lens.

FOR BOTH:

Tripod: A small tripod will be necessary for longer exposures. Remember a camera can not be hand held below 1/60 sec. Nothing special and no more than \$50.

Back up camera batteries: At least one extra battery. Make sure they are charged. Bring charger with you if necessary.

2 - 16GB cards (minimum)

Memory card reader or USB cord for camera.

USB drive (minimum 32GB) or portable hard drive.

Wireless Remote App or wireless remote (If available for your model)

Where To Buy Supplies:

Camera Stores:

District Camera 1225 Eye St., NW, Su.110 www.districtcamera.com 202-483-0090

B+H (NY) www.bhphotovideo.com

Adorama (NY) www.adorama.com

Pro Photo 2000 Pennsylvania Ave, NW (202) 223-1292 Pro Photo is a great place to get your camera fixed, but their materials are expensive.

Also Amazon and Best Buy are reliable.

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