

Prof. Kelly Carr
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Photography 1: Digital Photo Summer 2021
ARTS 131.20 MTWR 1:00PM – 3:00PM
Office Hours By Appointment

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 image-editing skills and software programs.

Objectives:

- * Learn basic functions of a digital single lens reflex 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.
- * Learn portrait lighting techniques.
- * 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 and are non-mandatory. 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 20 shots per assignment.

Camera Exercises: Two practice camera exercises. Hands on practice camera operations and shooting techniques.

Image Edits: Two projects practicing image edits. 20 images, per project, will be edited using Photoshop and/or Camera Raw, and each image will be edited using 5 to 10 different effects.

Presentation: An oral PowerPoint presentation critiquing a digital photographer.

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

Exam (August 9th Monday): Technical aspects of digital photography.

Final Project: Environmental Self Portrait in the style of David Hockney's photo composites.

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	20pts
<u>Technical:</u>	Exposure/Shadow/Highlights/ and White Balance	15pts
	Post Production	5pts
	Focus	5pts
	Cropping	5pts
	Total	50pts

Overall Course Grading:

- 10% Attendance and Class Participation discussion and participation during critiques, assignment/exercise reviews, camera reviews, and presentations.
- 5% Two Camera Exercises hands on practice with camera operations.
- 5% Image Edits - Two projects containing image edits using Photoshop and/or Camera Raw.
- 5% Photographer presentation an oral Powerpoint presentation critiquing a digital photographer.
- 20% Photography Exam - Technical exam on the aspects of digital photography and Adobe Bridge, Camera Raw, and Photoshop.
- 30% Two photography and Photoshop related assignments.
- 25% Final Project - Environmental Self Portrait in the style of David Hockney's photo composites.

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 LAUINGER 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

SCHEDULE
Digital Photography 1/ Kelly Carr

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

July 12th 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 13th T:

- Lecture: Continue review basic camera operations. Practice hands on shutter speed/fstop. Practice WB, ISO, review Kelvin color temperature, RAW vs. JPEG.

- Review Camera Exercises 1 and 2.

- Assignment: Read: Chapter 1 Camera and Chapter 2 Lens.

July 14th W:

- Lecture: Continue review basic camera operations.

- Practice Camera Exercise 1 and 2.

- Assignment Read: Chapter 3 Light and Exposure, Chapter 4 The Digital Workplace Basics (Optional Reading), and Chapter 9 Seeing Like a Camera.

July 15th R:

- Lecture: Introduction to Bridge, Camera Raw, and Photoshop vertical and horizontal toolbar.

July 19th M:

- Lecture: Continue Photoshop vertical and horizontal toolbar.

- Review Assignment One – Depth of Field and Shutter Speed.

- **QUIZ 1**

- Read: Chapter 7 Organizing and Storing.

July 20th T:

- Lecture: Practice edits with provided images and worksheet.
- Lecture: Appropriating images from the web. Review Transform and Liquify.

July 21st W:

- Lab: Post production Assignment One.
- Lab: Sort/edit and create contact sheets Camera Exercises 1 and 2.

July 22nd R:

- Lecture: Review Exam.
Review Presentation.
Review Assignment Two.
Review portrait lighting and light painting.
- Lab: Post production Assignment One.
- Lab: Continue sort/edit and create contact sheets Camera Exercises 1 and 2.
- Read: Chapter 8 Using Light.

July 26th M:

- Lab: Post production Assignment One and Two.
- Lab: Continue sort/edit and create contact sheets Camera Exercises 1 and 2.
- **QUIZ 2**

July 27th T:

- Lab: Post production Assignment One and Two.
- Lab: Print Assignment One.
- Lab: Continue sort/edit and create contact sheets Camera Exercises 1 and 2.

July 28th W:

- **CRITIQUE ASSIGNMENT ONE– CRITIQUE STARTS AT THE BEGINNING OF CLASS.**
- Camera Exercises 1 and 2 and Assignment One due.
- Lecture: Hand out Final Project information.
- Lab: Post production Assignment Two.
- Work on Image Edits part 2.

July 29th R:

- Lab: Post production Assignment Two and Final.
- Work on Image Edits part 2.

August 2nd M:

- Lab: Post Production Assignment Two and Final.
- Work on Image Edits part 2.
- **QUIZ 3**

August 3rd T:

- Lab: Print Assignment Two.
- Lab: Post Production Assignment Two and Final.
- Work on Image Edits part 2.

August 4th W:

- **ASSIGNMENT TWO CRITIQUE – CRITIQUE STARTS AT THE BEGINNING OF CLASS.**
- **Presentations Group 1.**
- Assignment Two and Image Edits part 2 due.
- Lab: Post Production Final.

August 5th R:

- **Presentations Group 2.**
- Lab: Post Production Final.

August 9th M:

- **EXAM**
- Lab: Post Production Final.

August 10th T:

- Lab: Post Production Final and print Final.

August 11th W:

- Lab: Print Final.

August 12th R:

- **FINAL PROJECT CRITIQUE– CRITIQUE STARTS AT THE BEGINNING OF CLASS. NO PRINTING.**

MATERIALS – Digital I

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. Here are some examples that are in no particular order. Also, it can be ANY DSLR or mirrorless, you are not limited to these.

Nikon D3500
Canon EOS Rebel T7i aka EOS 800D
Nikon D5600
Fujifilm XT30
Fujifilm X-A7
Sony alpha a6400
Sony A7II
Canon 90D
Canon EOS Rebel T7 aka 2000D aka EOS 1500D
Canon EOS Rebel SL3 aka EOS 250D aka EOS 200D Mark II
Canon EOS Rebel T100 aka EOS4000
Pentax K-70

UV or skylight filter to fit lens – **only if** your camera has a non-retractable lens you will need a UV or skylight filter to fit the diameter of the 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.

Screen protector - for digital display on back of camera.

Tripod - A small tripod will be necessary for longer exposures. A camera can't 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 you keep them charged.

2 - 32GB cards (minimum)

Memory card reader (if your computer doesn't have a card slot), or USB cord for camera.

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

Camera and Lens cleaning kit - air dust blower, lens tissue and lens cleaner.

Camera bag - to protect camera.

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

Where to Buy Supplies:

Camera Stores:

Amazon's Bundles have amazing deals! Search for the camera you are interested in and they have bundles with most of the class materials included.

B+H (NY) www.bhphotovideo.com

Adorama (NY) www.adorama.com

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