

Open Lab outside of class time Picchi Mac Lab - 1st (bottom) Floor Lauinger Library, Room 140, Sunday-Thursday 8 am-midnight, and Friday-Saturday 8 am-10 pm.

Course Objective: This course is an introduction to the technical and aesthetic properties of digital photography focusing on the use of a digital camera (DSLR or mirrorless cameras). Additionally, students will learn to organize and create digital images using photo editing software. An emphasis on image narrative and composition will be essential to express meaning through visual imagery and promote discussion during critique.

Objectives:

- * Learn basic functions of a DSLR or mirrorless camera.
- * Gain understanding of interpreting and controlling light meter readings for proper exposure.
- * Gain understanding of the reciprocal relationship between fstops and shutter speeds.
- * Learn the function of the camera ISO to control light sensitivity of sensor and digital noise.
- * Work with both RAW and jpeg files and understand their benefits and limitations.
- * Introduction to portrait lighting techniques and light painting.
- * Gain basic understanding of digital software, applications, and equipment.
- * 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. This is an experienced 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.**

Students are to attend all lectures/critiques and will be graded on attendance and class participation. Class participation Includes discussion/participation during critiques, assignment/exercise reviews, camera reviews, and presentations. Three unexcused absences can result in a failing grade. Three times late equals an unexcused absence. 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 3:15 PM. Do not be late. Do not attend class if you feel sick.

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 week of class up to two weeks. After two weeks it will be considered an F.**

Photographs used for this class will be your own, photographed using a DSLR or mirrorless camera, and taken during this summer session. Photoshop's Generative Fill (AI) or appropriating images from the internet may be used along with your own image to enhance narrative for Assignments and Final Project. **However, the main body of the image must be your own photograph. If you are not sure, contact the professor.**

Camera Exercises: Two practice camera exercises. Practice hands on camera operations and camera techniques.

Practice Image Edits: Two contact sheets with 15 images each. 30 images will be edited using Camera Raw plug-in and/or Photoshop. Additionally, 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 operations and post digital production using Adobe Bridge, Camera Raw plug-in, and/or Photoshop. These images will be narrative/storyline driven.

Exam: Technical aspects of digital photography, Adobe Bridge, Camera Raw plug-in, and Photoshop.

Final Project: Self portrait in an environmental landscape in the style of David Hockney.

All lab rules are to be followed at all times. All students are expected to follow and adhere to the **GU Code of Honor.**

Grading:Aesthetic Examples:

1. Does your subject matter accurately capture the theme of the assignment?
2. Is there meaning or narrative/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:Aesthetic:

Visually Interesting	10pts
Use of Narrative	10pts

Technical:

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

Overall Course Grading:

- | | |
|-----|--|
| 5% | Attendance and Class Participation (includes discussion and participation during critiques, assignment/exercise reviews, camera reviews, and presentations.) |
| 5% | Two Camera Exercises hands on practice with camera operations. |
| 5% | Photographer Presentation an oral Powerpoint presentation critiquing a digital photographer who interests you. |
| 10% | Image Edits - Two contact sheets containing 15 image edits each using Photoshop and/or Camera Raw. |
| 20% | Photography Exam - Technical exam on the aspects of digital photography, Adobe Bridge, Camera Raw, and Photoshop. |
| 40% | Two photography and Photoshop related assignments. |
| 15% | Final Project - Self portrait in environmental landscape 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

Title IX Syllabus Statement (endorsed by Faculty Senate)

Georgetown University and its faculty are committed to supporting survivors and those impacted by sexual misconduct, which includes sexual assault, sexual harassment, relationship violence, and stalking. Georgetown requires faculty members, unless otherwise designated as confidential, to report all disclosures of sexual misconduct to the University Title IX Coordinator or a Deputy Title IX Coordinator. If you disclose an incident of sexual misconduct to a professor in or outside of the classroom (with the exception of disclosures in papers), that faculty member must report the incident to the Title IX Coordinator, or Deputy Title IX Coordinator. The coordinator will, in turn, reach out to the student to provide support, resources, and the option to meet. [Please note that the student is not required to meet with the Title IX coordinator.]. More information about reporting options and resources can be found on the Sexual Misconduct Website: <https://sexualassault.georgetown.edu/resourcecenter>.

If you would prefer to speak to someone confidentially, Georgetown has a number of fully confidential professional resources that can provide support and assistance. These resources include:

Health Education Services for Sexual Assault Response and Prevention: confidential email sarp@georgetown.edu

Counseling and Psychiatric Services (CAPS): 202.687.6985 or after hours, call (833) 960-3006 to reach Fonemed, a telehealth service; individuals may ask for the on-call CAPS clinician

More information about reporting options and resources can be found on the [Sexual Misconduct Website](#).

(Above statement and TIX faculty resources found at: <https://sexualassault.georgetown.edu/get-help/guidance-for-faculty-and-staff-on-how-to-support-students/>)

Title IX Pregnancy Modifications and Adjustments

Georgetown University is committed to creating an accessible and inclusive environment for pregnant students. At any point throughout their pregnancy students may request adjustments/modifications based on general pregnancy needs or accommodations based on a pregnancy-related complication or medical need. Students may also request accommodations following labor and delivery based on a complication or medical need.

SCS students must complete the [Pregnancy Adjustment Request Form](https://titleix.georgetown.edu/title-ix-pregnancy/student-pregnancy/) (<https://titleix.georgetown.edu/title-ix-pregnancy/student-pregnancy/>) and submit it to the SCS Deputy Title IX Coordinator at titleixscs@georgetown.edu. Upon receiving the completed form, the Deputy Title IX Coordinator will schedule a meeting with the student to discuss the requested adjustments and implementation process. More information about pregnancy modifications can be found on the [Title IX at Georgetown University Website](#).

SCHEDULE
Digital Photography 1/ Kelly Carr

WEEK 1:

July 7th M:

- Lecture: Introduction to course; review syllabus; basic camera operations.
- Lecture: Review depth of field, shutter speed, lens focal length, equivalent exposures, and design elements.
- Assignment: Watch lecture videos DSLR/Mirrorless Camera Components and Care Part 1 and Part 2 on Canvas.

July 8th T:

- Lecture: Continue review basic camera operations. Practice hands on shutter speed/fstop, equivalent exposures, and bracketing. Practice WB, ISO, review Kelvin color temperature, RAW vs. JPEG.
- Lecture: Review Camera Exercises 1 and 2.
- Assignment: Start to watch lecture videos MASP Camera Modes through White Balance on Canvas. (11 videos)

July 9th W:

- Introduction to Bridge.
- Lecture: Continue review basic camera operations.
- Practice Camera Exercise 1.
- Assignment: Continue to watch lecture videos MASP Camera Modes through White Balance on Canvas. (11 videos)

July 10th R:

- Lecture: Introduction to Camera Raw plug-in and Photoshop horizontal toolbar.
- Assignment: Finish watching lecture videos MASP Camera Modes through White Balance on Canvas. (11 videos)
- Memorize fstops and shutter speeds for Practice Quiz on Monday.

WEEK 2:

July 14th M:

- Lecture: Introduction to Photoshop vertical toolbar.
- Lecture: Review Assignment One – Depth of Field and Shutter Speed.
- **Practice QUIZ 1**

WEEK 2 (continued):

July 15th T:

- Lecture and work on Practice edits with provided images and worksheet.

July 16th W:

- Lecture: Appropriating images from the internet. Review Transform, Liquify tools, and Generative Fill.
- Work on post production Assignment One.
- Work on sort/edit and create contact sheets Camera Exercises 1 and 2.

July 17th R:

- Work on post production Assignment One.
- Continue sort/edit and create contact sheets Camera Exercises 1 and 2.

WEEK 3:

July 21st M:

- Lecture: Review Exam and Exam Study Guide.
- Lecture: Review Powerpoint Photographer Presentation.
- Lecture: Review Assignment Two – Portrait Lighting and Light Painting.
- Lecture and practice portrait lighting and light painting.
- **Practice QUIZ 2**
- Work on post production Assignment One.
- Continue sort/edit and create contact sheets Camera Exercises 1 and 2.

July 22nd T:

- Work on post production Assignment One and Two.
- Continue sort/edit and create contact sheets Camera Exercises 1 and 2.
- Work on Assignment Two Part B - Image Edits.
- Research Powerpoint Photographer Presentation.
- Research Exam Study Guide.

WEEK 3 (continued):

July 23rd W:

- Lecture: Review Final Project - Self portrait in an Environmental Landscape in the Style of David Hockney's Photo Composites.
- Work on post production Assignment One: Depth of Field/Shutter Speed, and Assignment Two: Portrait Lighting/Light Painting.
- Work on Assignment Two Part B – 15 Image Edits.
- Continue sort/edit and create contact sheets Camera Exercises 1 Part A: Bracketing/Part B: 15 Image Edits, and Camera Exercise 2.
- Research Powerpoint Photographer Presentation.
- Research Exam Study Guide.

July 24th R:

- **CRITIQUE ASSIGNMENT ONE– CRITIQUE STARTS AT THE BEGINNING OF CLASS.**
- Camera Exercises 1 and 2 and Assignment One due.
- Work on post production Assignment Two: Portrait Lighting/Light Painting and Final Project: Self Portrait.
- Work on Assignment Two Part B – 15 Image Edits.
- Research Powerpoint Photographer Presentation.
- Research Exam Study Guide.

WEEK 4:

July 28th M:

- **Start Powerpoint Photographer Presentations**
- **Practice QUIZ 3**
- Work on post production Assignment Two: Portrait Lighting/Light Painting and Final Project: Self Portrait.
- Work on Assignment Two Part B – 15 Image Edits.
- Research Powerpoint Photographer Presentation.
- Research Exam Study Guide.

WEEK 4 (continued):

July 29th T:

- **Powerpoint Photographer Presentations**
- Work on post production Assignment Two: Portrait Lighting/Light Painting and Final Project: Self Portrait.
- Work on Assignment Two Part B – 15 Image Edits.
- Research Powerpoint Photographer Presentation.
- Research Exam Study Guide.

July 30th W:

- **Powerpoint Photographer Presentations**
- Post production Assignment Two: Portrait Lighting/Light Painting and Final Project: Self Portrait.
- Work on Assignment Two Part B – 15 Image Edits.
- Research Powerpoint Photographer Presentation.
- Research Exam Study Guide.

July 31st R:

- **ASSIGNMENT TWO CRITIQUE – CRITIQUE STARTS AT THE BEGINNING OF CLASS.**
- **DUE: Assignment Two Part A** – Portrait Lighting and Light Painting and **Part B** – 15 Image Edits.
- Work on post production Final Project: Self Portrait.
- Research Powerpoint Photographer Presentation.
- Research Exam Study Guide.

WEEK 5:

August 4th M:

- **EXAM**
- Work on post production Final Project: Self Portrait.
- Research Powerpoint Photographer Presentation.

WEEK 5 (continued):

August 5th T:

- **Powerpoint Photographer Presentations**
- Work on post production Final Project: Self Portrait.

August 6th W:

- **Powerpoint Photographer Presentations**
- Work on post production Final Project: Self Portrait.

August 7th R:

- **FINAL PROJECT CRITIQUE– CRITIQUE STARTS AT THE BEGINNING OF CLASS.**

MATERIALS – Digital I - Lauinger Service Desk (for camera rental) Monday – Friday, 8am to 6pm.

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 the ones listed below. There are older versions of these camera models at a much lower cost.**

Nikon D3500
Canon EOS Rebel T8i aka EOS 850D
Nikon D5600
Fujifilm XT30
Fujifilm X-A7
Sony alpha a6400
Sony ZV series
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
Canon EOS R100
Pentax KF

UV or skylight filter to fit lens – **only if** your camera has a non-retractable lens get 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 second. 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 - 32GB memory cards (minimum)

Memory card reader (if you do not have a SD slot on your computer or your camera card is not an SD card ie: micro SD, XQD or CompactFlash), or use 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:

District Camera 1225 I St. NW, #110, DC www.districtcamera.com 202-483-0090
3409 Wilson Blvd, Arlington, VA www.districtcamera.com 703-250-5555 ext. 2

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.

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

