

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 (DSLR or mirrorless cameras) 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 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 ISO scale and controlling 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.
- * 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 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. Excessive lateness (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.**

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 1:10PM. 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 15 shots per assignment.

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

Practice Image Edits: Two contact sheets with 15 images each. 15 images will be edited using Camera Raw plug-in, and Photoshop, 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 operations and post digital production using Adobe Bridge, Camera Raw plug-in, and Photoshop.

Exam (August 7th Monday): Technical aspects of digital photography, Adobe Bridge, Camera Raw plug-in, and Photoshop.

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

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 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	<u>5pts</u>
	Total	50pts

Overall Course Grading:

- 5% 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% Photographer Presentation an oral Powerpoint presentation critiquing a digital photographer.
- 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 and Adobe Bridge, Camera Raw, and Photoshop.
- 40% Two photography and Photoshop related assignments.
- 15% 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

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/>) 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

July 10th 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 and Mirrorless Camera Components and Care Part 1 and Part 2 on Canvas.

July 11th 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 12th W:

- 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 13th R:

- Lecture: Introduction to Bridge, Camera Raw, and Photoshop horizontal and vertical toolbar.
- Assignment: Finish watching lecture videos MASP Camera Modes through White Balance on Canvas. (11 videos)

July 17th M:

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

July 18th T:

- Lecture and Lab: Practice edits with provided images and worksheet.

July 19th W:

- Lecture: Appropriating images from the internet. Review Transform and Liquify tools.
- Lab: Post production Assignment One.
- Lab: Sort/edit and create contact sheets Camera Exercises 1 and 2.

July 20th R:

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

July 24th M:

- Lecture: Review Exam.
- Lecture: Review Powerpoint Photographer Presentation.
- Lecture: Review Assignment Two.
- Lecture and Lab: Practice portrait lighting and light painting.
- Lab: Post production Assignment One.
- Lab: Continue sort/edit and create contact sheets Camera Exercises 1 and 2.
- **QUIZ 2**

July 25th T:

- Lab: Post production Assignment One and Two.
- Lab: Continue sort/edit and create contact sheets Camera Exercises 1 and 2.
- Lab: Work on Assignment Two Part B - Image Edits.
- Lab: Research Powerpoint Photographer Presentation.
- Lab: Research Exam Review sheet.

July 26th W:

- Lecture: Review Final Project.
- Lab: Post production Assignment One and Two.
- Lab: Continue sort/edit and create contact sheets Camera Exercises 1 and 2.
- Lab: Work on Assignment Two Part B - Image Edits.
- Lab: Research Powerpoint Photographer Presentation.
- Lab: Research Exam Review sheet.

July 27th R:

- **CRITIQUE ASSIGNMENT ONE– CRITIQUE STARTS AT THE BEGINNING OF CLASS.**
- Camera Exercises 1 and 2 and Assignment One due.
- Lab: Post production Assignment Two and Final Project.
- Lab: Work on Assignment Two Part B - Image Edits.
- Lab: Research Powerpoint Photographer Presentation.
- Lab: Research Exam Review sheet.

July 31st M:

- Lab: Post Production Assignment Two and Final Project.
- Lab: Work on Assignment Two Part B - Image Edits.
- **QUIZ 3**
- Lab: Research Powerpoint Photographer Presentation.
- Lab: Research Exam Review sheet.

August 1st T:

- Lab: Post Production Assignment Two and Final Project.
- Lab: Work on Assignment Two Part B - Image Edits.
- Lab: Research Powerpoint Photographer Presentation.
- Lab: Research Exam Review sheet.

August 2nd W:

- Lab: Post Production Assignment Two and Final Project.
- Lab: Work on Assignment Two Part B - Image Edits.
- Lab: Research Powerpoint Photographer Presentation.
- Lab: Research Exam Review sheet.

August 3rd R:

- **ASSIGNMENT TWO CRITIQUE – CRITIQUE STARTS AT THE BEGINNING OF CLASS.**
- **DUE: Assignment Two Part A** – Portrait Lighting and Light Painting and **Part B** - Image Edits.
- Lab: Post Production Final Project.
- Lab: Research Powerpoint Photographer Presentation.
- Lab: Research Exam Review sheet.

August 7th M:

- **EXAM**
- Lab: Post Production Final Project.
- Lab: Research Powerpoint Photographer Presentation.

August 8th T:

- **Powerpoint Photographer Presentations**
- Lab: Post Production Final Project.

August 9th W:

- **Powerpoint Photographer Presentations**
- Lab: Post Production Final Project.

August 10th R:

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

MATERIALS – Digital I

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. There are also older model versions of these cameras at a much lower cost.**

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 get a 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.

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 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

