

Prof. Kelly Carr
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Photography 1 Summer 2017
ARTS 130.20 M-R 10:45 AM – 12:45 PM
Office Hours By Appointment

Course Objective: An introduction to the technical and aesthetic properties of black and white photography through camera and darkroom operations. Students will also receive an introduction to digital manipulation, cameras and scanners. Students will expect to learn:

- Explore various studio art disciplines, gain knowledge of relevant art historical references and resources, and develop critical thinking and problem solving skills.
- Basic functions of 35mm camera.
- Control light readings of film and determine proper exposure of film.
- Proper film development.
- Use of darkroom equipment (such as enlargers, easels, timers, etc.).
- Proper contact printing.
- Proper paper printing and development.
- Print management control (such as filters, burning and dodging).
- Techniques of print finishing, matting and mounting.
- Basic Photoshop techniques – tools, history windows, image adjustments, image size/resolution and color modes.
- Introduction to digital cameras and image/film scanning.
- Basic understanding of composition and design.
- Constructive critique techniques of photography.
- Begin to develop a focus of interest and concentration in one discipline and begin to compile a portfolio of work.
- Apply critical thinking and creative problem solving skills to propose personal solutions to aesthetic and formal problems.

Attendance: Attendance is mandatory for both lecture and lab. Absences due to illness will only be excused by a doctor's note. Three unexcused absences can result in a failing grade. Three times late equals an unexcused absence. One unexcused deducts 1% from "Attendance". Please see the Georgetown Undergraduate Bulletin for more information. Lectures and/or critiques begin promptly at 10:45AM. 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 and critiques and will be graded on participation.

Mandatory: Expect to expose at least one to two rolls of film per week. Film will be developed and contact sheets printed. **All contact sheets will be handed in with critique work. This will count towards your class participation grade.**

Assignments: Three assignments and a final project related to hands on camera operation.

Midterm exam: Technical aspects of photography.

All lab rules are to be followed at all times. This includes cleanliness, safety, adhering to open lab hours, and respect to others.

All students are expected to follow and adhere to the **GU Code of Honor.**

Grading: Art is subjective, therefore so is grading art. I have broken the grading of your photographs into two specific groups; Aesthetic and Technical.

Aesthetic Examples:

1. Does your subject matter accurately capture the theme of the assignment?
2. Is the composition of the photograph successful? Is it structurally organized?
3. Do the principles of design accentuate the overall meaning of the photograph? For instance, do lines define the visual form? Do light and tonal values create the effect of chiaroscuro rendering three-dimensional form?

Technical Examples:

1. Are the film and prints correctly exposed?
2. Is depth of field and/or shutter speed successfully executed?
3. Is the film properly developed, or are there crease marks/scratches/blotches due to poor or impatient film rolling?
4. Does the print have fingerprints due to contamination during print processing?
5. Is the print dodged and burned properly?
6. Are you printing at the correct contrast level?

Each photograph 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 photograph.

Example:	<u>Traditional</u>		<u>Digital</u>
	<u>Aesthetic</u>		
	Visually Interesting	35pts	Vis. Int. 35pts
	Composition Structure	5pts	Comp.Str. 5pts
	<u>Technical</u>		
	Exposure (Film and Print)	15pts	P/Shp techn.20pts
	Focus	15pts	Focus 15pts
	Dodging and Burning Technique	15pts	D/B 10pts
	Cropping (In Camera and Print)	10pts	Cropping <u>15pts</u>
	Filter	<u>5pts</u>	100pts
		Total 100pts	

Overall Course Grading:	5% Class Participation
	10% Attendance
	20% Midterm
	45% Critique Work (Three Assignments)
	20% Final Project

REMEMBER: 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 up to two weeks. After two weeks it will be considered an F.

Letter Grade Equivalent:

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

SCHEDULE
PHOTOGRAPHY 1/ Kelly Carr

Text: Horenstein, Henry, Photography, revised edition. ISBN: 0-13-183988-8

July 10th M:

Lecture: Introduction to course; review syllabus; basic camera operations.
Review depth of field, shutter speed, lens focal length, equivalent exposures, bracketing, film, film speed, and camera filters.

July 11th T:

Lecture: Review Assignment One: Depth of Field and Motion.

Lab: Practice film rolling.
Develop film demo.
Enlargers instruction.

For next class:

BRING CAMERA (35mm SLR with your manuals).
Bring for next class one roll of **unexposed** TRI-X 400 film, TMAX 400, or Ilford HP5 (can be 24 exp.).

Assignment: Begin reading chapters:

Getting Started Chapter 2
Inside Your Camera Chapter 3
The Lens Chapter 4
The Lens Focal Length Chapter 5
Lens Aperture and Depth of Field Chapter 6
The Shutter Chapter 7
Film Basics Chapter 8
Film Exposure Chapter 9
Camera Filters Chapter 10

Start shooting for Assignment One.

July 12th W:

Lab: Metering Exercise.
Practice film rolling.

Assignment: Shoot Assignment One. Read Chapter 12 Film Processing.

July 13th R:

Lab: Develop film.

Assignment: Shoot Assignment One.

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July 17th M:

Lecture: Contract Printing and Enlarging.

Shoot/Develop/Print for Assignment One.

July 18th T:

Lecture: Burning and Dodging, Using Contrast Filters, and Filter Test.

Assignment: Read Black and White Printing Chapter 13.

Shoot/Develop/Print for Assignment One.

July 19th W:

Lecture: Review Assignment Two: Vantage Point, Edge Composition and Quality of Light.

Lab: Develop/Print Assignment One.

Assignment: Read Finishing Prints Chapter 15
Shoot/Develop/Print for Assignment One and Two.

July 20th R:

Lab: Develop/Print for Assignment One and Two.

Assignment: Shoot/Develop/Print for Assignment One and Two.

July 24th M:

CRITIQUE ASSIGNMENT ONE

Lecture: Spot tone and matting demo.

Lab: Develop/Print for Assignment Two.

Assignment: Read Handouts. Shoot/Develop/Print for Assignment Two.

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July 25th T:

Lab: Develop/Print for Assignment Two.

Assignment: Read Handouts. Shoot/Develop/Print for Assignment Two.

July 26th W:

Lab: Develop/Print for Assignment Two.

Assignment: Read Handouts. Shoot/Develop/Print for Assignment Two.

July 27th R:

Lecture: Exam review.
Review DSLR info.

July 31st M:

ASSIGNMENT TWO CRITIQUE – CRITIQUE STARTS AT THE BEGINNING OF CLASS

Lecture: Review Assignment Three Self Portrait and Final.

Assignment: Shoot/Develop/Print for Assignment Three and Final.

August 1st T:

Lecture: Introduction to Photoshop CS6.

Assignment: Shoot/Develop/Print for Assignment Three and Final.

August 2nd W:

Lecture: Photoshop CS6 continued. Work on edits.
Review digital contemporary artists.

Assignment: Shoot/Develop/Print for Assignment Three and Final.

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August 3rd R:
EXAM

Assignment: Shoot/Develop/Print for Assignment Three and Final.

August 7th M:
ASSIGNMENT THREE CRITIQUE – CRITIQUE STARTS AT THE BEGINNING OF CLASS.

Lab: Develop/Print for Assignment Final.

Assignment: Shoot/Develop/Print for Assignment Final.

August 8th T:
Lab: Develop/Print for Assignment Final.

Assignment: Shoot/Develop/Print for Assignment Final.

August 9th W:
Lab: Develop/Print for Assignment Final.

Assignment: Shoot/Develop/Print for Assignment Final.

August 10th R:
FINAL ASSIGNMENT CRITIQUE– CRITIQUE STARTS AT THE BEGINNING OF CLASS

MATERIALS – Photography I

Camera: 35mm single lens reflex camera with manual adjustments of f/stops and shutter speeds will be required. If cameras have automatic features, make sure they include manual override functions that will permit manipulation of these features. Bring cameras and manuals to class if you have any questions.

Lens: A 50mm (normal) fixed lens OR zoom lens ie: 28mm to 200mm or 35mm to 80mm.

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.

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. You can also borrow one at Glenardin.

Camera Batteries: An extra set in case batteries in camera go dead. **IMPORTANT:** if you are borrowing a camera replace the batteries no matter how new the batteries.

B/W Film: Kodak TMax 400, Kodak TX 400, or Ilford HP5 **ONLY**. Rolls can be either 24 or 36 exposures. However 36 exp is highly recommended to save cost and allows you more freedom to shoot without having to constantly change rolls of film. **Make sure it says 35mm!!!** 35mm is the film size. Don't get 120/220 film. It will not fit in your camera.

B/W RC Printing Paper: Ilford Multigrade RC, Pearl Surface, 8"X10", 100 sheets.
DO NOT OPEN BOXES OF PRINTING PAPER IN LIGHT. PAPER IS LIGHT SENSITIVE AND CAN NOT BE USED IF OPENED IN WHITE LIGHT - THIS IS A VERY EXPENSIVE LESSON TO LEARN DON'T LET IT HAPPEN!

Plastic Negative Holders: Archival negative page holder that holds five to six frames across.

Yellow Filter #15 or Red Filter #25: To fit favorite camera lens. NOT THE LENS FOCAL LENGTH.

Loupe: For viewing negatives.

Burning and Dodging Tools: The do-it -yourself approach is easier to use and more economical. You will need at least two 11X14 opaque black boards and a thin wire (ie: coat hanger) about 10 inches long. (OPTIONAL)

Can of compressed Air AND/OR anti-static cloth: For dusting off negatives.

Mounting Boards: 11"X14" mounting board in white, off white, or black. **Do not buy cream with heavy yellow tints.** Mounting board should be acid free and archival.

Mounting Tissue: 8"X10" for RC prints.

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Materials (Continued)

Rubber Gloves: To protect hands from chemicals.

Towel: Drying surface areas, film tanks, print trays, etc.

Spot toning pens for correcting dust spots. (OPTIONAL)

Thermometer: To measure the temperature during film developing. (OPTIONAL)

Bottle Opener: To open film canisters. (OPTIONAL)

Notebook: To keep careful notes when you are out shooting. (OPTIONAL)

Scissors: For cutting film, burning and dodging tools, etc. (OPTIONAL)

Xacto Knife: For trimming photographs for proper presentation. (OPTIONAL)

Pencils: For making exposure notes on back of print. (OPTIONAL)

Where To Buy Supplies

Embassy Camera 1735 Connecticut Ave NW, DC www.ephotoecraft.com 202-483-7448

B+H (NY) www.bhphotovideo.com

Adorama (NY) www.adorama.com

Freestyle Photo (CA) www.freestylephoto.biz

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.