

ART-184 Digital Photography is designed for students with a basic understanding of computer graphics to gain knowledge of digital photography and photographic manipulation. Students will create artwork using a variety of photographic processes. Through hands-on assignments, slide presentations, critiques and readings students will engage with and build upon the artistic and technical possibilities created by extending photography into the digital realm. Scanners, printers, and computers will be available for classroom use.

Textbook

The Adobe Photoshop CC Book for Digital Photographers (2014 release) by Scott Kelby

Required if you have no knowledge of Adobe Photoshop:

Adobe Photoshop CC Classroom in a Book (2015 release) by Andrew Faulkner

Objectives

As a result of meeting the requirements in this course, students will be able to:

- Explain the theoretical and mechanical aspects of digital photography and photographic manipulation
- Use professional digital cameras and associated computer hardware and software to create and modify photographs
- Develop knowledge of historical and contemporary photography
- Produce a unique body of photographic artwork.

Course requirements

- Class attendance and participation in class presentations and discussions
- Completion of all assignments and final project
- Participation in group-critique

Structure of class

Each class includes a lecture, demonstration and discussion of assignments. Students are expected to come to class prepared to work on the weekly assignments, which includes bringing the necessary reference material collected outside Lab hours. In addition to shooting and reading assignments you should expect to spend a minimum of four hours per week in the photo Lab during free lab hours.

Attendance

Students are expected to attend all classes. In the event of an occasional absence you will be responsible for making up missed lessons and assignments. Arriving late or leaving early will count as a partial absence and will affect your grade. **If you are absent 3 times you will fail this class.**

Class Participation

Your preparation and contributions to class activities, your timely arrival to each class, your attendance, your attentiveness, your behavior, and your attitude towards the course determine your class participation. This may affect your final grade in a positive or a negative way by adding or subtracting points from your final grade average.

Assessment Criteria

Accomplishment of student work will be assessed via portfolio review during critique, and one-to-one meetings. Portfolios are evaluated based on **technical achievement, creative concept development and originality.**

Final Grade: weekly assignments: %70, midterm critique: %15, final Critique: %15

Students must present at critique to receive a midterm and final grade

Materials:

1. Digital single-lens reflex camera (SLR). See B & H Photo or Unique Photo website
2. Portable Hard Drive: 500 GB or larger
3. Photo Tripod: stable photo tripod that can support DSLR cameras, loads up to 6.6 lb
4. Epson Ultra Premium Photo Paper: Box of 50 or 100 sheets Size: 8.5 x 11 inches
5. Art Portfolio Original Storage/Display Book (8.5 x 11", 48 Pages)
6. Notebook

Week Topic Assignments

Week 1	Introduction: The Digital Camera Basics, Exposure Modes, Focus Lock	Read your camera's instruction manual. Assignment: "A Place", 20 exposures Joel Sternfeld, Steven Shore
Week 2	How does a camera work, Exposure Camera File format, Importing camera files Lightroom	Shooting assignment #1: "Location Photography" 40 Gregory Crewdson, Camilo Jose Vergara
Week 3	Exposure Basics: Shutter Speed, F-Stop And ISO The Manual Mode The Essentials Of Camera Raw	Assignment #2: Shutter /Aperture/ISO exercise
Week 4	Camera Menus: White Balance Color settings, Printing to Desktop Printer Digital Darkroom: camera raw beyond the basics	Assignment #3: Composition with objects, found or arranged, 40 Hans Finsler, Edward Weston, Lee Friedlander
Week 5	Photoshop: File Format, Color Modes Photoshop, Image Essentials Camera raw adjustment tools	Assignment #4: Composition with food. 40 exposures Irving Penn
Week 6	Auto Focus Modes, Metering Depth-of-Field Camera Lenses Converting to Black and White Using Camera Raw	Assignment #5: "Portrait", 40 exposures August Sanders, Irving Penn's Small Trades, Ralph Eugene Meatyard, Cindy Sherman
Week 7	Midterm Group Critique	Prints
Week 8	Image Adjustment Fundamentals Fixing common problems	Assignment #6: "Street Photography", 40 exposures Henri Cartier Bresson, Robert Frank, Lee Friedlander
Week 9	Bracketing HDR	Assignment #7: HDR
Week 10	Creative Exposures Long- exposure (bulb), panning Sharpening techniques	Assignment #8: "After Dark" Brassai, Gregory Crewdson
Week 11	Digital Darkroom: adjustments	Assignment #9: "Photo-essay-part 1" 40 exposures Duane Michals, Dora Maurer
Week 12	Photo retouching and Restoring	Assignment #10: "Photo-essay-part 2" Sophie Calle
Week 13	Digital Portfolio	Final Project
Week 14	Review Printing and Output	Final Project
Week 15	Final Critique	Must attend to receive a grade

This schedule is tentative and may change without notice