The focus of this class is the development of the photographer’s vision through the use of the Zone System, black and white materials and the 4x5 view camera. Photographers use the Zone System to: improve control of negative exposure and contrast, enhance print previsualization and to create high quality gelatin-silver prints. While a portion of this class is dedicated to technical concerns, the ultimate goal is the ongoing development of the photographer’s vision and the creation of significant photographic images.

**COURSE OBJECTIVES**

Upon completing this course students should be able to:

1. Create effective, significant or compelling black and white photographic images with:
   a. Imaginative concepts, messages, and/or emotional impact.
   b. Strong visual organization utilizing natural light, space, form, and contrast.

2. Demonstrate technical proficiency with:
   a. Large format (4x5) photographic techniques.
   b. The Zone System of exposure & processing, as applied to roll and sheet film.

**REQUIREMENTS**

Regular attendance of lectures and labs, as well as prompt observance of work submission deadlines, will be considered in grading. *Missing more than three classes will result in the student being dropped one letter grade for the course.*

1. **10 points:** One proof sheet due. (4-4x5 images), Monday, September 27

2. **100 points:** Exam #1 Bring 4521 NCS answer sheet, Monday, October 11

3. **50 points:** Midterm Critique, Wednesday, October 20
   6 spotted & mounted prints (minimum 3 from 4x5 negatives).
   To receive credit, student must be on time and proofs and prints must be complete at the beginning of the class critique.

4. **10 points:** Submit proofs or work prints of sequence assignments, Monday, November 15

5. **100 points:** Exam #2 Bring 4521 NCS answer sheet, Wednesday, December 1

6. **100 points:** Final Portfolio Due Friday December 10, by noon
   A. 20, 4x5 contact prints. (20 images)
   B. 12 black and white mounted prints. (3 may be from midterm submission.)
      1.) 5 prints. Subject and format, student’s choice.
      2.) 7 Required Prints:
         a. Three prints (minimum), any subject, from the 4x5 view camera.
         b. Three prints creating a sequence or narrative. May be any format.
            Images must be conceptually or thematically linked
            (may be mounted on one or three boards).
         c. One photograph from a filtered negative.
LECTURES & DEMONSTRATIONS will cover the following topics:

1. The Zone System
   A. Exposing sheet film & roll film
      Reciprocity Failure
      Bellows Extension
   B. Contrast control through film development.
   C. Film processing techniques.
      Closed Tank Processing
      Pyro PMK developing

2. The View Camera
   A. Perspective and depth of field control
   B. Using large format lenses and leaf shutters

3. Filtering black and white films

4. Print Presentation
   A. Archival mounting
   B. Selenium toning

5. Creating a sequence or series of images.

6. Discussion of the work of a variety of photographers may include:
   Morley Baer, Nicholas Nixon
   Olivia Parker, Jerry Uelsmann
   Minor White

7. Suggested Reading
   Many of these books are available in the library.
   PMK, Hutchings
   The Practical Zone System, Chris Johnson
   Photography, London & Brill
   The Day Books, Edward Weston
   Using the View Camera, Steve Simmons
   Zone System: Guide for Photographers, Brian Lav

Three factors are of primary importance in grading the final portfolio: the technical quality and presentation, the visual organization, and the imagination or emotional impact of the photographs. Photographs submitted must be printed in the department darkroom.

Final course grades: A, 90 - 100%, B, 80 - 89%, C, 70 - 79%, D, 60 - 69%, F, below 60%

GRADE NOTE, for Photography Majors:
Photo 148 and Photo 150, which are required courses for all photo majors have prerequisites related to this course. In order to enroll in Photo 148, you must complete PHOT 141, with a grade of “B-” or better.

ADMINISTRATION
October 7th is the last day to drop for a serious and compelling reason. This requires the permission of the instructor, Design Department Chair, and the Dean of The College of Arts and Letters.

MAKEUP EXAMS require a serious and compelling reason.
Requests for a makeup test must be made, in a timely manner, on or before the test date.

INCOMPLETE GRADES are discouraged since there is no space available in the darkroom for students not registered in class during a given semester.

ACCOMMODATIONS: if you require accommodation or assistance with assignments, tests, attendance, etc., please notify the instructor by the beginning of the 3rd week of the semester so that arrangements may be made.

CATALOG DESCRIPTION
PHOTOS 141. Intermediate Photography, Black and White. Theory and practice of techniques applicable to the production of black and white photographs. Concentration on the Zone System and large format cameras. Prerequisite: PHOT 040 or equivalent.

LECTURES & DEMONSTRATIONS will cover the following topics:

1. The Zone System
   A. Exposing sheet film & roll film
      Reciprocity Failure
      Bellows Extension
   B. Contrast control through film development.
   C. Film processing techniques.
      Closed Tank Processing
      Pyro PMK developing

2. The View Camera
   A. Perspective and depth of field control
   B. Using large format lenses and leaf shutters

3. Filtering black and white films

4. Print Presentation
   A. Archival mounting
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Friday, December 10, no later than 12 noon, final portfolio due.
### PHOTO 141 SUPPLIES

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<tr>
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<tr>
<td>Ilford HP5</td>
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<td>Ilford FP4 Plus</td>
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<tr>
<td>Fuji Neopan</td>
<td>ISO 100</td>
<td>35mm</td>
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**Enlarging Paper**

Ilford, Multigrade IV R.C., 8x10 glossy or portfolio

**Miscellaneous:**
- 8X lupe (magnifier)
- negative sleeves 4x5 and 35mm
- hand towel

**For Midterm:**
- smooth white mount board
- dry mount tissue
- small paint brush
- portfolio for prints

**Vendors:**

**Local:**
- Action Camera
  1000 Sunrise Avenue Roseville, CA 95661-5472
  (916) 786-2288
- Filco Discount Center
  1433 Fulton Avenue Sacramento, CA 95825-3612
  (916) 483-4526

**Vendors (cont.):**

- Pardee's Cameras
  3335 El Camino Ave. Sacramento, CA 95821
  (916) 483-3435
- Photosource Darkroom
  6346 Elvas Ave. Sacramento, CA 95819
  (916) 454-5134
- On-line:
  Adorama  www.adorama.com
  800-223-2500
  B&H Photo & Video www.bhphotovideo.com
  800.482.8143
  Freestyle  www.freestylephoto.biz
  800 292 6137