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 in order 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 on going development of the photographer’s vision and the creation of significant photographic images.

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. **25 points Monday October 22, Midterm Critique:**
   6 spotted & mounted prints (minimum 3 from 4x5 negatives). Include contacts/proofs for each enlargement submitted.
   To receive credit, student must be on time and proofs and prints must be complete at the beginning of the class critique.

2. **100 points Wednesday November 28, Exam:**
   Bring 4521 NCS answer sheet

3. **100 points Friday December 14, by noon Final Portfolio Due**
   1. 20 (minimum) 4x5 contact prints. (20 images)
   2. 12 black and white mounted prints. (3 may be from midterm submission.)
      A. 5 prints. Subject and format, student’s choice.
      B. 7 Required Prints:
         a. Three prints, 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.
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%

ADMINISTRATION

DROPS October 12 is the last day to drop for a serious and compelling reason. This requires the permission of the instructor, Design Department Chair. After this date, the Dean of The College of Arts & Letters must approve drops. There is no such thing as an automatic drop in any CSUS course.

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.

EXTRA CREDIT

Any extra credit points, offered to all students in the course, are applied to test scores only. Note: because extra credit opportunities are based on availability of speakers and events there is no guarantee that extra will be offered every semester.

LECTURES & DEMONSTRATIONS will cover the following topics:

1. The Zone System
   A. Exposing sheet film by light value placements.
   B. Contrast control through film development.
   C. Film processing techniques.
      1. Closed Tank Processing
      2. 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 including:
   - Nicholas Nixon
   - Jerry Uelsmann
   - Minor White
   - Morley Baer
   - Olivia Parker

7. Suggested Reading
   - Many of these books are available in the library.
   - PMK, Hutchings
   - The Practical Zone System, Chris Johnson
   - Photography, London, Brill
   - The New Zone System Manual, White, Zakia & Lorenz
   - The Day Books, Edward Weston
   - Using the View Camera, Steve Simmons

CATALOG DESCRIPTION

PHOT 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. Lecture one hour; laboratory four hours. Prerequisite: PHOT 040.
**Schedule 141 Fall '07, Goff**

*Subject to alteration. Changes will be announced in class.*

<table>
<thead>
<tr>
<th>Week of:</th>
<th>Monday</th>
<th>Wednesday</th>
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</thead>
<tbody>
<tr>
<td>September 3</td>
<td>Labor Day</td>
<td>Introduction</td>
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<tr>
<td></td>
<td></td>
<td>Minor White</td>
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<tr>
<td>September 10</td>
<td>Intro. to Zone System.</td>
<td>Zone System &amp;</td>
</tr>
<tr>
<td></td>
<td>Arnold Newman, Nicholas Nixon</td>
<td>Intro. to view camera.</td>
</tr>
<tr>
<td>September 17</td>
<td>Bring 4x5 film for in-class photographing.</td>
<td>Bring exposed 4x5 film</td>
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<tr>
<td></td>
<td></td>
<td>for processing. Print presentation.</td>
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<tr>
<td></td>
<td></td>
<td><em>4x5 cameras available for weekend checkout.</em></td>
</tr>
<tr>
<td>September 24</td>
<td>Begin Printing (Bring new 4x5 negs.)</td>
<td>Lab / One proof sheet due.</td>
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<tr>
<td></td>
<td></td>
<td>(4-4x5 images)</td>
</tr>
<tr>
<td>October 1</td>
<td>Lab</td>
<td>View camera review &amp; exercise</td>
</tr>
<tr>
<td>October 8</td>
<td>Lab</td>
<td>35mm Zone System \</td>
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<tr>
<td></td>
<td></td>
<td>Closed tank roll film processing.</td>
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<tr>
<td></td>
<td></td>
<td>Print presentation.</td>
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<tr>
<td>October 15</td>
<td>Lab</td>
<td>The Sequence Assignment</td>
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<tr>
<td></td>
<td></td>
<td>Color filters and black &amp; white film</td>
</tr>
<tr>
<td>October 22</td>
<td><strong>Midterm Critique</strong> 6 spotted &amp; mounted prints (Minimum 3 from 4x5's).</td>
<td>Lab</td>
</tr>
<tr>
<td>October 29</td>
<td>Lab</td>
<td>Conceptual Imagery Olivia Parker, Jerry Uelsmann Pyro, Hutchings' PMK</td>
</tr>
<tr>
<td>November 5</td>
<td>Lab</td>
<td>Lab Submit proofs or work prints of sequence assignments</td>
</tr>
<tr>
<td>November 12</td>
<td>Lab</td>
<td>Lab</td>
</tr>
</tbody>
</table>

*Friday, November 16 submit prints for Holiday Photography Exhibit*

| November 19     | Lab                                         | Selenium Toning & Test Review                |

*Thanksgiving Recess Nov. 22-25*

| November 26     | Lab                                         | Exam (4521 NCS answer sheet)                |
| December 3      | Lab                                         | Lab                                           |
| December 10     | Lab                                         | Lab                                           |

*Friday, December 14 th by Noon, Final Portfolio Due.*
## PHOTO 141 SUPPLIES

<table>
<thead>
<tr>
<th>Film</th>
<th>Speed</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ilford HP5</td>
<td>ISO 400</td>
<td>35mm</td>
</tr>
<tr>
<td>Ilford FP4</td>
<td>ISO 100</td>
<td>35mm</td>
</tr>
<tr>
<td>Pro Max</td>
<td>ISO 400</td>
<td>35mm</td>
</tr>
<tr>
<td>Pro Max</td>
<td>ISO 100</td>
<td>35mm</td>
</tr>
<tr>
<td>Ilford Pan F</td>
<td>ISO 50</td>
<td>35 mm</td>
</tr>
<tr>
<td>Ilford Delta</td>
<td>ISO 400</td>
<td>35mm</td>
</tr>
<tr>
<td>Ilford Delta</td>
<td>ISO 100</td>
<td>35mm</td>
</tr>
<tr>
<td>Fuji Neopan</td>
<td>ISO 100</td>
<td>35mm</td>
</tr>
<tr>
<td>Kodak T Max</td>
<td>ISO 400</td>
<td>35mm</td>
</tr>
<tr>
<td>Kodak T Max</td>
<td>ISO 100</td>
<td>35mm</td>
</tr>
</tbody>
</table>

### Enlarging Paper
- Ilford, Multigrade IV R.C., 8x10 glossy

### For Midterm
- Smooth white mount board
- Dry mount tissue
- Small paint brush
- Portfolio for prints

### Miscellaneous
- 8X lupe (magnifier)
- Negative sleeves 4x5 and 35mm
- Hand towel

### Local stores which may have these supplies:
- Camera Arts (57th & H)
- Filco (1433 Fulton)
- Pardee Cameras (Watt & El Camino)
- Campus Bookstore