

OAKTON COMMUNITY COLLEGE  
GENERIC COURSE SYLLABUS

I.	<u>COURSE PREFIX</u>	<u>COURSE NUMBER</u>	<u>COURSE NAME</u>	<u>CREDIT</u>	<u>LECTURE</u>	<u>LAB</u>
	ART	115	Beginning Photography	3	0	6

II. PREREQUISITE: NONE

III. COURSE CATALOG DESCRIPTION:

This is a course in basic photography. The student, using his own camera, explores the basics of film exposure, development, and printing. The emphasis is upon teaching the student to realize the ability of the camera to record fine delineation of tone and detail using black and white materials. The course also covers the use of the view camera and studio lighting. Finally, the student is given a brief look at the history of photography and is exposed to the basic aesthetics of photography.

NOTE: Students are expected to buy their own film and paper. Total cost of these items will be a minimum of \$150.00 in ADDITION to the lab fee.

IV. LEARNING OBJECTIVES

1. To understand basic photographic principles and concepts
2. To enable the student to make photographs and to broaden the students awareness of the different types of straight classical photography.
3. To understand basic photographic peculiarities which will enable the student to understand photographic technical standards.
4. To be able to make photographs that are well crafted and neat.
5. To exert control over the visual organization of the student's images, and to understand basic visual concepts enabling the student to make strong and coherent images.

V. ACADEMIC INTEGRITY

The very nature of higher education requires that students adhere to accepted standards of academic integrity. Therefore, Oakton Community College has adopted a Code of Academic Conduct and a Statement of Student Academic Integrity. These may be found in the Student Handbook. You may also find a summary of the Code of Academic Conduct in the College Catalog. Among the violations of academic integrity listed and defined are: cheating, plagiarism, falsification and fabrication, abuse of academic materials, complicity in academic dishonesty, falsification of records and official documents, personal misrepresentation and proxy, and bribes, favors and threats.

It is the student's responsibility to be aware of behaviors that constitute academic dishonesty.

Pursuant to due process guarantees contained in the Policy and Procedures on Student Integrity, the minimum punishment for the first offense for a student found in violation of the standards of academic integrity is failure in the assignment. In addition , a disciplinary record will be established and kept on file in the office of the Vice-President for Student Affairs for a period of three years,

VI. OUTLINE OF TOPICS

## A. TECHNICAL FOUNDATION

1. Camera CLASSIFICATIONS
  - a. Subminiature
  - b. Box camera
  - c. 35mm
    - 1) Single Lens Reflex
    - 2) Rangefinder
  - d. 120mm
    - 1) Single Lens Reflex
    - 2) Double Lens Reflex
  - e. View Camera
    - 1) Tilts
    - 2) Swings
    - 3) Rise and falling front
2. Parts of a Camera
  - a. Viewing Mechanism
  - b. Film ADVANCE mechanism
  - c. Lens
    - 1) Concave
    - 2) Convex
    - 3) Pin hole camera
    - 4) Focal Length
    - 5) Wide angle
    - 6) Telephoto
  - d. DIAPHRAGM
    - 1) F. Stop
    - 2) Depth of field
  - e. Shutter
    - 1) Leaf shutter
    - 2) Focal PLANE shutter
    - 3) Shutter speeds
  - f. Shutter speeds and F stop relationships
  - h. Light meter

## B. DARKROOM AND PROCESSING FOUNDATION

1. Developing film
  - a. Mechanical materials used -reels, tanks, etc.
  - b. Chemicals used and times
    - 1) Silver Haloids
    - 2) Developing and fixing of silver haloids
  - c. Exposure and Development relationships
    - 1) Expose for shadows
    - 2) Develop for highlights-development time relationship
    - 3) Lighting conditions
2. Printing
  - a. Photograms
    - 1) Position of light source
    - 2) Nature of light source
    - 3) F-stop of lens in enlarger
    - 4) Time of exposure

- b. Gray Scales
  - 1) Modular time units and range
  - 2) Number of tones in photographic paper
- c. Enlargers
  - 1) Condensor type
  - 2) Diffusion type
  - 3) Type of enlarger that we use
    - a) Negative carriers
    - b) Lenses
    - c) Easels
    - d) Cleaning of negatives
- d. Printing techniques
  - 1) Burning in
  - 2) Dodging
  - 3) Waterbathing
- e. Finishing and mounting
  - 1) Cropping
  - 2) Dry mounting on 11x 14 board

#### C. STUDIO PHOTOGRAPHY AND LIGHTING

- 1. Lighting Equipment
  - a. Modeling strobes
  - b. Spot and Pan lights
- 2. Direction of lighting and light quality
- 3. Surface lighting
  - a. Reflective and transparent objects
  - b. Textured Objects
- 4. Portrait lighting
- 5. Basic Lighting Setups
  - a. Direct
  - b. Indirect
  - c. Edge
  - d. Backlighting

#### D. FORM ORIENTATED PHOTOGRAPHY

- 1. Aesthetic issues of form orientated photography
  - a. Edward Weston
  - b. Man Ray and Moholy-Nagy
  - c. Alvin Langdon Coburn
  - d. Garnett
- 2. Hard edge and Soft edge
  - a. Organic forms
    - 1) Isolation
    - 2) Bleeding
    - 3) Repetition
  - b. Geometric Forms
    - 1) Squares, rectangles, triangles etc.
    - 2) Origin

- E. DOCUMENTATION
  - 1. Aesthetic issues of documentation
    - a. War photography
    - b. Atget
    - c. Thomson's street life in London
    - d. Riis and Hine
    - e. Evans, Lange and the FSA
    - f. Bourke -White and Abbott
    - g. Brassai, Salomon, and Cartier-Bresson
    - h. Social Landscape Photography
      - 1) Bill Owens
      - 2) Robert Frank
      - 3) Geoff Winningham
      - 4) Duane Michaels
  - 2. Principles of Documentation Photography
    - a. Technical considerations
      - 1) Pushing film
      - 2) Depth of field relationships
      - 3) Shutter speed and movement
    - b. Subject and environmental object manipulation
    - c. Photographer's point of view
- F. HISTORY OF PHOTOGRAPHY
  - 1. Camera and chemical development
    - a. Camera obscura
    - b. Chemical development
      - 1) Prof schultz
      - 2) Davy
      - 3) Neipce
  - 2. Dauquerreotype
    - a. Dauquerre and Neipce
    - b. Spread of Photography
      - 1) Morse and America
      - 2) German Photography
  - 3. Fox Talbot and Calotypes
  - 4. Albumen Process
  - 5. Wet Collodian
  - 6. Dry Plate
  - 7. George Eastman
  - 8. Emerson-platinum paper and Photogravure
  - 9. Photo Successionist period-Steiglitz
  - 10. Metaphor- Minor White, Siskind, Bullock, and Callahan
  - 11. Manipulative imaging and the future
    - a. Jerry Ulesman
    - b. Electronic imaging

VII. METHODS OF INSTRUCTION:

Lectures and demonstrations on topics ranging from use of a camera, history of photography to photographic printing. Slide shows also accompany lectures.  
 One field trip, and three studio sessions are used. Lab time is scheduled through out the semester. (See CALENDAR for schedule of class time)

VIII. COURSE PRACTICES REQUIRED

Attend all critiques as scheduled  
 Produce 13 work prints for Mid-Term

Produce 8 , 8x10, prints at the final as scheduled  
Finish the final examination  
Do all of the shooting assignments and turn in proof sheets of each assignment AS SCHEDULED  
Do all of print assignments

IX. INSTRUCTIONAL MATERIALS:

A. CAMERA:

35mm negative size format or larger. Must have variable "F" stop and shutter speeds. May not use a subminiature (8mm-16mm) or a Box camera (INSTAMATIC). The school has a limited number of cameras that we can loan out to you for the semester.

B. LIGHT METER:

A hand held meter is preferred, but an inside the camera meter will do an adequate job.

C. TRIPOD:

One that is big enough to hold your camera steady.

D. CABLE RELEASE:

Make sure that it fits your camera. A small one that is 6 inches will be more than adequate.

E. FILM:

USE ONLY TRI-X FILM OR T- MAX(400) FILM. Buy the correct size film to fit your camera. (T-MAX 3200) - total of 13 rolls

F. NEGATIVE SLEEVES:

Buy the correct size for your negative format.

G. PHOTOGRAPHIC PAPER:

Kodak Polymax (FIBERBASE)"F" surface, Double Weight, 8x10 inches. We will supply you with the appropriate filters.

OR ILLFORD MULTI-GRADE GLOSSY WHITE SURFACE FIBER BASED PAPER

NOTE: DO NOT USE RC (ANY KIND OF RESIN COATED PAPER)

H. DRY MOUNT TISSUE:

8x10 inch Seal MT-5 package of 25.

I. MOUNT BOARD:

11x14 inch with a smooth white finish only. You may use "Mount" board or "Matt" board, but do NOT USE any kind of "Illustration" board or "Pebble" board.

J. TOWEL:

Make sure that you bring a towel when your working in the darkroom. You will need one.

K. BOOK:

Suggested source book "Photography" by Upton and Upton.

L. **OPTIONAL ITEMS:**

Cans of compressed air, brushes, rubber gloves, film cleaner etc.

**SOME SUPPLIES WILL BE GIVEN TO THOSE STUDENTS ENROLLED FOR CREDIT**

It should be noted that over the course of the semester, you will spend a minimum of \$150.00 for photographic supplies. To successfully complete this course, you can expect to spend as much time working outside of CLASS as you would in any other college level course.

X **METHODS OF EVALUATING STUDENT PROGRESS:**

**GRADING**

The final grade will be based upon the following elements and their weights:

1. Quizzes = 25%
2. Critiques=25%
3. Final Test=25%
4. Final Critique=25%

All prints will be evaluated in the following manner:

1. Print quality
2. Craftsmanship

(Any questions about the course content must be directed to your instructor)

**CRITIQUE**

The critique offers you the opportunity to show your work to the class and to the instructor and obtain feedback crucial in the development of your work. There will be four critiques.

**FINAL EXAMINATION:**

A final examination will be administered at the end of the semester on the date indicated on the schedule sheet. The final examination will consist of 50 multiple choice questions. The final examination constitutes 25% of the total grade.

**QUIZZES**

Quizzes will be administered at the critiques. Each quiz will have multiple choice questions. There will be a total of 50 questions. Quizzes constitute 25% of the total grade. There will be three quizzes.

**ATTENDANCE:**

There will be critiques (note the calendar handout) and attendance is mandatory. Any critique that you do NOT ATTEND will cause you to receive a 0 GRADE FOR YOUR QUIZ AND CRITIQUE.

**ASSIGNMENTS:**

All assignments are due at the critiques. You are to show proof of assignments by showing proof sheets. Each proof sheet will count as a print in the critique

XI. **OTHER COURSE INFORMATION:**

If you have a documented learning, psychological, or physical disability you may be entitled to reasonable academic accommodations or services. To request accommodations or services, contact the ASSIST office in the Learning Center. All students are expected to fulfill essential course requirements. The College will not waive any essential skill or requirement of a course or degree program.

Some of the activities and assignments in this class involve the use of nude models, standard practice in (photography, drawing, and painting-as appropriate) classes. If a student objects to this practice, he/she is encouraged to discuss with the instructor early in the semester alternative ways of completing course requirements.

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Other Information:

Effective Beginning Term: Summer 2003  
(Term) (Year)

End Term: \_\_\_\_\_  
Term (Year)

Syllabus Prepared By: Bernard Krule

Date: 2/01

Reviewed by Dept/Program Chair: Bernard Krule

Date: 2/01

Approved by Dean: Linda A. Korb

Date: 3/03