

UW-SP/COFAC  
Department of Art and Design  
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Office Hours: By appointment

### **ART 215--SYLLABUS AND COURSE OUTLINE**

- COURSE TITLE:** Basic photography
- CREDIT HOURS:** **3**
- Lecture /lab:** Monday-Wednesdays 11:00- 13:15
- CATALOG DESCRIPTION:** An introduction to basic film photographic techniques in processing, shooting and printing. The course is strictly Black and White, the emphasis is general with heavy leaning to the Fine Arts. Elements of aesthetics are discussed as well as elements of personal expression.
- COURSE OBJECTIVE:** The emphasis of this course is the acquisition and mastery of the basic skills of shooting, metering, processing, darkroom printing and presentation for black and white photography work. All work is “wet process”.
- CONTENT OUTLINE:** An outline of the major topics to be covered in Art 215 is provided below.
- Nomenclature
  - Camera systems
  - Lenses
  - Films and paper
  - Metering and exposure
  - Chemicals and personal safety
  - Processing
  - Printing
  - The Zone System
  - Composition and design
  - Alternative darkroom techniques
  - Personal expression through photography
  - Presentation and preservation of photographic prints
- ASSIGNMENTS:**
- Depth of field
  - Line, water, texture and time
  - Mosaic
  - Dreams, secret story
  - Self-portrait
- SUPPLIES LIST:**
- 100 sheets of photographic paper (8x10 inches)
  - ILFORD WARM TONE, FIBER BASE, VARIABLE CONTRAST – DOUBLE WEIGHT, GLOSSY
  - 12 rolls of 36 exposures
  - KODAK **TRI-X** PAN – ASA 400
  - Negative sleeves
  - Scissors
  - 2 hand towels
  - Three-ring notebook
  - Permanent marker (fine tip)

Supply Sources : <http://www.bhphotovideo.com/>

**GRADING POLICIES:**

There will be four regular critique sessions and one final critique during finals week. Students will receive a letter grade after each critique and a separate grade at midterm. A separate grade will be given for a final portfolio consisting of ten mounted prints, due the last day of classes.

**Written exams:** there will be two written exams one at mid term and one during finals week.

**There will be an entry survey and an exit survey for assessment only**

Quizzes: there will be several quizzes these are pass /fail can be re-taken until passed  
Your final grade will be calculated according to the following breakdown:

**NOTE: You must have the required 12 roll minimum film shot and processed one week before finals week to pass the class.**

50% Final portfolio

10% Midterm exam

20 % Final exam

15 % Critique grades

5% Class participation/professionalism in approach to course work

There are two types of class sessions for this course. The first is the lecture sessions and the second is the practicum or lab sessions. Class meets for every session in the assigned classroom space. If a demonstration or a lab session is scheduled, we will then proceed to the darkroom for the remainder of the time allotted for that session.

**COURSE POLICIES:**

- Attendance is essential in this course. Absences or partial attendance after the third recorded absence will result in reduction of the student's final grade.
- All work is to be turned in on time. There will be no extensions.
- You are required to attend all critique sessions.
- Be punctual. Information will not be repeated for those coming in late.
- Come to class prepared. Leaving class to secure forgotten material will be counted as an absence.
- Incompletes will not be given either as a project or semester grade. Evaluations are based on completion and the quality of the work as submitted at the specified deadline.
- Keep all work done during the semester. A complete notebook of negatives and contact sheets will be submitted at the end of the semester for grading. Also, the work may be examined again during your sophomore review.

**Cell phone usage, voice or texting, is not allowed during lectures and demos. Please set all audible alarms to vibrate.**

Read and retain the following statement:

I, the undersigned, have read and understand the above information on class requirements and attendance policy.

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Signature

Date

## Art 215 course outline

### Camera systems

#### Viewing system:

- Direct viewing
  - View camera
  - Digital camera
- Indirect viewing
  - without a mirror
    - View finder, viewing channel
  - With a mirror
    - Waist level finder
    - Range finder
    - Twin lens reflex

\*All these exhibit parallax problems  
Single lens reflex

#### Transport system

- Sheet Film
- Roll film
  - Paper backed film
  - Film cassette
- Electronic back

#### Optical system

- Permanent lenses
  - Fixed focus
  - Variable focus
  - Fixed focal length
  - Variable focal length
- Interchangeable lenses
  - Fixed focal length= prime
  - Variable focal length= zoom

#### Shutter System

- In the lens shutter
- Focal plane shutter
  - Cloth curtain
  - Metal curtain

#### Aperture system

- Automatic
- Stepped down

#### Metering System

- Hand held meter
  - Reflected light meter
  - Incident light meter
- Through the lens metering system
  - Averaging meter
  - Center weighed
  - Bottom weighed
  - Spot meter
  - Matrix metering systems

## Terminology

### Viewing system

- Viewfinder
- Pentaprism
- Parallax
- Specular inversion

### Optical System

- Lens
- Elements
- Distortion
- Chromatic aberration

### Lenses

- Focal length
  - Normal
  - Wide angle
    - Fisheye
    - Landscape
    - Standard wide
  - Telephoto
    - Portrait lenses
    - Long lenses
- Zoom
- Macro

### Shutter

- Diaphragm
- Leaf shutter
- Shutter curtain

### Aperture

- Aperture size
- Aperture scale
- f number
- f-stop
- Speed of the lens
- Depth of field

### Shutter Speeds

- Bulb
- Time exposure
- Slow shutter speeds
- Normal shutter speeds
- Stop action
- Freeze action
- Flash Synch

### Reciprocity

- Correspondence ratios

### Light Meters

- Reflected light value
- Calibration
- Middle gray
- 18% gray

### Exposure

- Proper exposure
- Equivalent exposures
- Correct exposure

### Zone System for tone control

- Gray Card
- Gray scale
  - Zones 0 - IX
- Shadow value
- Shadow placement
- Contrast
  - Contrast analysis on the field
  - Contrast control
- Film
  - History
  - Structure
  - ASA/ISO
  - Pan film
  - Special films
  - Density control
  - Processing times
- Paper
  - History
  - Structure
  - Surface properties
  - Contrast control
    - Contrast filters
- Focusing
  - Critical Focus
  - Critical focal plane
  - Depth of field focus
    - Focal length
    - Aperture
    - Distance to subject
  - Hyper focal function
- Chemistry and Safety
  - Film processing
    - D-76
    - Photo-flo
  - Paper developing
    - Dektol
    - Stop-bath
  - General chemistry
    - Fixer
    - Hypoclear
  - Material Safety Data Sheet
- Demonstrations
  - Metering
    - Meter use and calibration
  - Camera
    - Loading
    - Battery replacement
    - Cleaning
  - Film
    - Bulk loading
    - Processing demo
- Paper
  - Printing demo
  - Toning
- Presentation and other

Dry mounting  
Reading a print

Assignments

Shadow roll

Depth of field

Selective focus

Foreground out      Middle-ground in      Background out

Line/water/texture/time

Mosaic/panoramic/stereoscopic images \*\* Optional

Dreams/secret story

Self-portrait

Time Line

TBA

Grades:

Depth of field:

Line/water/texture and time :

Optional critique:

Self-portrait/secret story:

Final portfolio:

Exams:

Midterm:

Final: