

UW-SP/COFAC
Department of Art and Design
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ART 215--SYLLABUS AND COURSE OUTLINE

- COURSE TITLE:** Basic photography
- CREDIT HOURS:** 3
- Lecture /lab:** Tuesday -Thursdays 8:00- 10:15
- 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/>
<http://www.calumetphoto.com/>
<http://www.freestylephoto.biz/>

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.

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.

- 60% Final portfolio
- 30% Critique grades
- 10% 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.

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
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: