

DD 1350

Introduction to Photography

Winter 2005

Doug Duplessis, Instructor

Course Objectives:

Students will understand the basic operation of the 35mm camera.

Students will understand and demonstrate B&W film processing.

Students will learn the fundamentals of composition and exposure, and demonstrate their understanding through the photographs they take.

Students will understand and demonstrate the B&W printing process.

Course Overview

Basic Camera Use

Shutter, Aperture, Exposure

Composition

Lighting

B&W Film Development

Proper procedure, safety, chemical handling

Effects of time and temperature variance

B&W Printing

Proper procedure, safety, chemical handling

Contact Printing

Tonal range

Test Strips, minimum time for maximum black

Toning

Presentation

Print Size

Print Shape

Mounting, Matting, Framing

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Introduction to Photography

Course Content

Camera Use

- Body is a black box that lets in light
- Function of the shutter
 - Effects of variable shutter speeds
 - Freezing Action
 - Blur of Movement
 - Panning with action
- Function of the lens
 - Lens focuses the image at the film plane
 - Function of the aperture
 - Effects of the variable aperture
 - Depth of Field
- The Exposure Meter - 18% gray, the Gray Card
- Film
 - Film Speed, Sensitivity
 - Characteristics

Composition

- Rule of Thirds
- S Curves
- Lines of Action
- Triangular composition
- Perspective
- Light and Shadow
- Framing

Lighting

- Front lighting, Side Lighting, Back Lighting
- Lighting Ratio/Tonal Range
- High Contrast, White on White
- Direct lighting, indirect lighting, hard light, soft light
- Reflectors

Film Development

- Chemical Use and Safety
- Loading Film
- Development procedures
 - Accurate Measurement of Chemicals
 - Accurate Temperature
 - Agitation
 - Effects of Varying the above

Printing

- Chemical Use and Safety
- Processing Procedure
 - Contact Prints
 - Test Strips
 - Minimum time for maximum Black

Making Enlargements

Test Strips

Minimum time for maximum Black

Good tonal range from properly exposed, processed negatives.

Contrast in papers

Print Manipulation - Burning, Dodging

Assignments:

Still Life

Scenic

Portrait

Action

Freeze Action

Slow Shutter - implied motion (Blur)

Panning

Exposure Bracketing

Depth of Field

Minimum

Maximum

Grading

Composition

Tonal Range

Quality of Print

Impact

Focus

Quizzes - (3 at 5%) 15%

Participation - 10%

Assignments - (5 at 10%) 50%

Final Project - 25%

If the subject is not in focus, there will be a 50% deduction on the assignment Print.

Five Assignments (Actual Subjects may change during the course)

1. Two 8x10's - subject of choice; demonstrate lighting patterns and depth of field control- One photo utilizing Front Lighting, and one utilizing side lighting. Each photo should exhibit depth of field control, with one photo having limited depth of field, and one with extended depth of field. The prints are to be submitted with negatives and contact sheet demonstrating exposure control, and notes about each negative taken.
2. Two 8x10's -One of Action - control of sense of action through the use of shutter speed. There must be evidence in the photo that an activity is taking place. The second photo is of back lighting. The contact sheet should have examples of various action shots, lighting situations, and composition, with negatives, and notes about each shot.
3. Two 8x10's - portrait – One single head and shoulders, and the Second of a group of three or more. Stress composition, with negatives and contact sheet demonstrating exposure control, and notes about each negative taken.
4. Two 8x10 - One Architectural photograph and One Panning photograph, with contact sheet, negatives and notes about each negative taken.
5. Two 8x10's – One Landscape photograph - interesting subject, lighting of choice, good print tone quality and One Patterns - use of light and shadow, abstract or defined subject, with contact sheet, negatives and notes about each Negative taken.

Final Project.

Four 8x10 photographs - four different subjects of the students choice, demonstrating composition, exposure and lighting control. Each photograph must demonstrate different principles. Notes describing the principles demonstrated must accompany each photograph, with negatives and contact sheets.

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Introduction to Photography

Week one January 4 - Introduction
First Assignment **Due February 3**

Week two January 11 -
Meet in Studio A
Film Processing

Week Three January 18 -
Meet in Studio A
Dark Room: Printing

Week Four January 25 -
Meet at the Dark Room
Printing

Week Five February 1 -
Meet in Studio A
Lighting, Composition, Framing
Dodging and Burning
First Assignment Due
Second Assignment **Due February 17**

Week Six February 8 -
Meet in Studio A
Quiz
Print Critique
Printing

Week Seven February 15 -
Meet in Studio A
Printing with Multigrade Filters/Dichroic Colour Head
Second Assignment Due

February 22 - Reading Week

Week Eight March 1 -
Meet in Lab
Printing

Week nine March 5 - Sunday at 10:00 AM
Meet in Studio A, then go to Muskoseepi park.
Portraiture, texture

Third Assignment due March 17 and Fourth Assignment due March 24

Week Ten March 8 -

Meet in Lab

Printing

Fifth Assignment due April 1

Week Eleven March 15 -

Meet in Studio A

Quiz

Lenses, Filters, Flash, Accessories.

Third Assignment Due March 17

Week Twelve March 22 -

Meet in Lab

Print Critique

Printing

Fourth Assignment Due March 24

Week Thirteen March 29-

Meet in Kodaly Kottage

Quiz

Printing

Fifth Assignment Due April 1

Week Fourteen April 5-

Printing

Week Fifteen April 12 -

Final Project Due April 19

Supplies: Paper, Film (Kodak T-Max 100-24), Negative Sleeves, Gloves, Lab Coat,
Thermometer, Towel, Scissors, Can punch

- small notebook - write down all exposure information - focal length, shutter speed, aperture,
whether deliberately over or under exposing, and what was the hoped for result.

Ilford MGIV Glossy, 100 sheet package	\$39.95
Print File Negative sleeves, Pkg 25	\$11.95
Darkroom Supplies	<u>\$25.00</u>
Subtotal	\$76.90
Plus GST on Product purchases	<u>\$5.10</u>
Total	\$82.00

Please submit this amount to cashier.

Show me receipt.

DD 1350 Basic B&W Photography Invoice

Student name: _____

Student ID: _____

Amount: \$82.00

Deposit to Account 2160-6340-8027