

# DD 1350

## Introduction to Photography

Winter 2009

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

# DD 1350

## 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.

# DD 1350

## Introduction to Photography

Week one September 8, 2008 – Introduction

Basic Camera functions  
Shutter, Aperture, Light meter  
Composition  
Camera Position, Rule of Thirds

**First Assignment Due October 3**

Week two September 15 -

Meet in Studio A  
Film Processing

Week Three September 22 -

Meet in Lab  
Printing

Week Four September 29 -

Meet in Lab  
Printing

**First Assignment Due October 3**

Week Five October 6 -

Meet in Studio A  
Lighting, Composition, Framing  
Dodging and Burning

**Second Assignment Due October 31**

**Week Six October 13 - Thanksgiving**

Week Seven October 20 -

Meet in Studio A

**Quiz**

**Print Critique**

Printing with Multigrade Filters/Dichroic Colour Head  
Printing

Week Eight October 27 -

Meet in Lab

**Second Assignment Due October 31**

Week Nine November 3 -

Meet in Studio A - Lighting  
Portraiture, texture

**Third Assignment due November 21 and Fourth Assignment due November 28**

**Week 10 November 10 – Remembrance Day**

Week Eleven November 17 -

Meet in Studio A

**Quiz**

Lenses, Filters, Flash, Accessories.

**Third Assignment Due November 21**

Week Twelve November 24 –  
Meet in Lab  
**Print Critique**  
Printing  
**Fourth Assignment Due November 28**  
**Fifth Assignment due December 5**

Week Thirteen December 1 –  
Meet in lab  
**Quiz**  
Printing  
**Fifth Assignment Due December 5**

Week Fourteen December 8 -  
Printing

Week Fifteen December 15-  
**Final Project Due December 17**

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.

Iford MGIV Glossy, 100 sheet package	\$59.95
Print File Negative sleeves, Pkg 25	\$11.95
Darkroom Supplies	<u>\$35.00</u>
Subtotal	\$106.90
Plus GST on Product purchases	<u>\$5.35</u>
<b>Total</b>	<b>\$112.25</b>

**Please submit this amount to cashier.**  
**Show me receipt.**

DD 1350 Basic B&W Photography Invoice

Student name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Amount: \$112.25

Deposit to Account 6824-960-75027