

# AR1350 INTRODUCTION TO PHOTOGRAPHY

## Course Description and Objectives

Instructor: Alan Iwaskow

NAIT Photographic Diploma(1977), B.Sc. Univ. of Alberta (1975), B.Ed. Univ. of Alberta (1994)

This course introduces students to basic photographic techniques and aesthetics and teaches them basic black and white processing.

Pre-requisite: none

Successful completion of the course requires that student have the use of their own 35mm camera capable of fully manual operation.

Textbook: copies of a handbook on photography are on reserve in the Learning Resources Centre and in the studio

### **Course objectives concentrate on 3 major topics:**

- Camera Control
- Lighting
- Black and white processing

Technical and aesthetic issues are covered as follows:

### **Camera Control:**

Camera handling techniques

- holding, panning, focusing, background and foreground control

Exposure

- film speed, determining exposure, exposure compensation, bracketing, calculating equivalent exposures

Creative camera handling

- use of aperture, shutter speed and lens selection for motion, depth of field, perspective control

Composition

- figure-ground relationships, line, rhythm, centre of interest, rule of thirds, cropping, balance, perspective and depth

**Lighting:**

Contrast in photography

- subject and lighting contrast, analyzing lighting ratio, use of lighting to show texture and shape, applications for various lighting ratios

Light quality and its connotations

- nature of light and how it affects meaning, direction and diffusion of light

Manipulating lighting ratios

- use of reflectors and fill light

Basic studio lighting

- simple light setups, operation of artificial lighting equipment

**Black and white processing:**

Film processing

- storage and handling of black and white materials and developers, steps in film development, factors determining developing times, negative storage,

Print processing

- basic photographic print development, enlarger operation, troubleshooting print problems, localized printing controls, contrast control, print matching, spotting

and print presentation

Evaluation:

Students are required to complete a number of assignments to practice selected photographic techniques.

Students are evaluated on their knowledge through worksheets, a quiz and final exam.

Students produce a portfolio of photographs to demonstrate their understanding of aesthetics and technical objectives.

Practice assignments	12%
Class participation	8%
-oral interview	
-discussions	
-setup and cleanup of darkroom	
Portfolio	48%
Quiz	12%
Final exam	<u>20%</u>
	100%