**Course Outline for PHTO 66**

**DIGITAL PHOTOGRAPHY**

**Effective: Fall 1999**

I. CATALOG DESCRIPTION:
PHTO 66 — DIGITAL PHOTOGRAPHY — 3.00 units

Desktop digital imaging systems: scanning, camera and software. Methods and devices for image input, storage and output. Use of traditional photographic controls to enhance image quality in the digital medium. Designing an image for digital manipulation using software such as Photo-shop and Live Picture.

2.00 Units Lecture 1.00 Units Studio Lab

**Strongly Recommended**
-
and

-
or

-

**Grading Methods:**
Letter or P/NP

**Discipline:**

|  | **MIN** |
| --- | --- |
| **Lecture Hours:** | 36.00 |
| **Studio Lab Hours:** | 72.00 |
| **Total Hours:** | 36.00 |

II. NUMBER OF TIMES COURSE MAY BE TAKEN FOR CREDIT: 1

III. PREREQUISITE AND/OR ADVISORY SKILLS:

IV. MEASURABLE OBJECTIVES:
**Upon completion of this course, the student should be able to:**
1. have an understanding of and ability to use the basic Macintosh operating system;
2. use intermediate level functions found in image editing and image processing software, such as Adobe Photo-shop;
3. operate film scanners, color and black-and-white printers, film recorders, and other peripheral devices;
4. visualize and process photographic images suitable for efficient manipulation on a computer system;
5. understand the role of service bureaus in the digital imaging industry;
6. operate on a local area network.

V. CONTENT:
A. Macintosh operating system (or system with equivalent functionality)
B. Image processing/editing software
C. Peripheral devices for image import, storage, and output
D. File management and translation
E. Visualization and image design
F. Exposure and development of photographic film to enhance image quality in the digital medium
G. Service bureaus
H. Local area networks

VI. METHODS OF INSTRUCTION:
A. **Lecture** -
B. Use of computer system and software
C. **Demonstration** -

VII. TYPICAL ASSIGNMENTS:
A. Make all necessary corrections in Photoshop to create a set of 11" x 14" prints. B. Digitize multiple straight film images

and blend into collaged single image. C. Create a photograph including incongruities and/or humorous elements. D. Create an image which combines natural and artificial lighting. E. Convincingly alter a classic or historic photographic image.

VIII. EVALUATION:
    A. **Methods**

    B. **Frequency**

IX. TYPICAL TEXTS:
    1. Krejcarek, Philip *Digital Photography: A Hands-On Introduction.* ., -, 0.

X. OTHER MATERIALS REQUIRED OF STUDENTS:
    A. Zip Disks
    B. 35 mm or digital camera