

Date: Spring 2004

COURSE TITLE: DIGITAL PHOTOGRAPHY

COURSE NUMBER: ART 211

Credit and Contact Hours: 3 credit hours – 4 contact hours

Catalog Description:

ART 211 Digital Photography (4-0) 3 CREDIT HOURS

This course offers advanced photographic instruction for those with basic camera and darkroom experience. It introduces the skills related to the capture, editing and printing of digital images. Emphasis will be on artistic expression and style through the use of digital technology. *Prerequisite: Art 207 or permission of Instructor*

II. GOALS & OBJECTIVES:

This course is designed to provide an introduction to digital photography and its application to fine arts image making. Macintosh computers, digital cameras, printers and scanners will be used to produce portfolio grade prints. Students will explore digital techniques and examine the aesthetic and conceptual ideas of practicing artists currently using digital photography. While developing a basic understanding of this technology, students will focus on the production of a portfolio of their own work.

STUDENT LEARNING OUTCOMES

The student will, at the end of the course:

1. Explore artistic expression and style through the use of a digital workflow.
2. Develop digital photographic images from capture through editing and output for printing and web usage.
3. Develop a vocabulary to critique basic photographic principles as well as digital methods and techniques.
4. Recognize and appreciate diverse digital photographic expression.
5. Produce a portfolio of digital images demonstrating creativity and personal vision.

RELATION OF COURSE GOALS TO GOALS OF DEGREE PROGRAM

This course provides hands on experience in the creation of

digital images in the context of a personal approach to photography.

COMPETENCIES ADDRESSED IN THIS COURSE

Oral Communication
Ethics and Values
Problem Solving &
Critical Thinking

Professional Competency
Information Resources
Reading
Writing

METHOD OF INSTRUCTION:

Classes are conducted in a studio/lab environment. A step by step approach is used to build the student's basic knowledge of digital photography and its applications. Regular assignments are given to help students master skills and develop a personal vision. Extensive use of visuals illustrates concepts and gives historical perspective. Critiques are held on a regular basis. An independent project is also required of each student.

ASSESSMENT MEASURES: The production of a portfolio based on course goals and objectives will be used to assess the students' understanding and abilities.

STUDENT ACTIVITIES:

Presentation
Assigned Reading
Class discussion/Assignments
Studio Environment
Problem Solving
Individual Student/Teacher Interaction
Critiques

METHOD OF EVALUATION:

1. Quality of Work Produced (Portfolio)
2. Presentation of Independent Project
3. Participation in Critiques
4. Attendance
5. Attitude & Progress

IV COURSE OUTLINE:

Required Text: **Digital Photography Handbook** by Tim Daly

1. Course Overview
 - Supply List – Sources for supplies, Internet Resources List
 - First Shooting Assignment – Photo Narrative
 - Independent Project Discussion

2. Introduction to PhotoShop – Demonstration, Features
 - Storyboards for Assignment #1 due
 - Begin Photoshop tutorials

3. Digital Photography – advantages/disadvantages
 - Digital Cameras – how they work, categories, prices
 - Storage media, image compression and file formats
 - Scanners – film, flatbed
 - Scanner resolution, dynamic range
 - Scanning Demonstration – File Management

4. The Digital Process
 - Editing – color correction
 - Tonal adjustment
 - Curves & levels
 - Histograms
 - Cropping
 - Retouching
 - Selective sharpening
 - Image Adjustment Demonstration

5. The Digital Process
 - Printing – color management
 - Inkjet media
 - Controlling image quality
 - Desktop printers
 - Professional output devices
 - Duotones, tritones, quadtones
 - Printing Demonstration
 - Shooting Assignment #2 Handout (4 part)

6. Digital Techniques/Traditional Darkroom Techniques
 - Multiple Image Print
 - Lith Print
 - Colorized Black & White
 - Quiz – The Digital Process

7. Digital Techniques Part 2
 - High Contrast

- Solarization
- Vignette/Border Effects
- Panoramas
- Infrared
- Shooting Assignment #3 handout (5 part)
- 8. Critique – Assignments 1 & 2 (6-8 prints)
Independent Project Proposals due
- 9. Photoshop Filters – constructive / destructive
Blur, Fade, Noise, Lighting Effects, Lens Flare,
Distortions and Displacements, Liquify Tools.
Demonstration – Practical Applications
- 10. Studio Lighting Demonstration – Lighting techniques
Still Life & Portrait
Shooting Assignment #4 handout (2 part)
- 11. Critique – Assignment #3, Digital techniques
Quiz - Photoshop
- 12. Field Trip – Eastman House & EJ Arts, Inc., Fine Art Iris Printmaker
- 13. Lab
- 14. Presentations – Independent Study Projects
- 15. Final Critiques – Individual Student Portfolios