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

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<tr>
<th>Oral Communication</th>
<th>Professional Competency</th>
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<td>Ethics and Values</td>
<td>Information Resources</td>
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<tr>
<td>Problem Solving &amp;</td>
<td>Reading</td>
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<td>Critical Thinking</td>
<td>Writing</td>
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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