

## NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY PHT 270– DIGITAL IMAGING I (3 CR.)

### **Course Description**

Introduces students to the tools and techniques used by professionals in the electronic imaging field. Focuses on current trends within the photographic, prepress and internet industries. Includes image capture, manipulation, and out-put. Exposes students to the hardware and software used by today's creative professionals in a combination of lectures, demonstrations and class projects. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

### **General Course Purpose**

Introduces methods, tools and aesthetics of digital imaging as a fine art and means of communication.

### **Course Prerequisites/Corequisites**

Prerequisite: Basic computer literacy or permission of the instructor

### **Course Objectives**

Upon completing the course, the student will be able to:

- Use professional digital image editing software competently
- Control digital capture competently
- Manage color workflow competently for various forms of output
- Solve technical and visual problems of digital imaging ethically
- Discuss digital imaging using appropriate vocabulary

### **Major Topics to be Included**

- Digital image editing fundamentals
- Basic digital scanning techniques
- Color management for print, digital display, and web output
- Technique, aesthetics, and ethics of digital imaging
- Technical terminology for professional digital imaging

### **Extra Topics (optional)**

At the faculty member's discretion, field trips and guest lectures may augment course instruction.