

# ART 174 - DIGITAL PHOTOGRAPHY I

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## Course Description

The student will gain a strong understanding of manual exposure with a digital camera, working in camera raw, digital workflow, and natural light. Students are introduced to the artistic principles of aesthetics, composition, color, and applying those principles to the digital photography medium. Students also work in post processing with lightroom, photoshop, and output to digital prints. Group 2 course.

## Credit Hours

3

## Contact Hours

4

## Lecture Hours

2

## Lab Hours

2

## General Education Outcomes supported by this course

Critical Thinking - Direct

## Course Learning Outcomes

### Knowledge:

- Demonstrate the use of manual, Digital Single Lens Reflex/Digital camera controls (aperture, shutter speed, ISO speed, Camera RAW) to effect changes in the expressive effect of the photograph.
- Research and relate an understanding of the similarities between analogue and digital camera operating systems.
- Identify and integrate use of design elements and principles to affect a visual design that successfully communicates a message that reflects the photographer's concerns.

### Application:

- Demonstrate a willingness to work with others to further one's own understanding of the concepts and theories important to photography.
- Assess and create with mastery using cameras and peripherals.
- Understand the process of editing Camera RAW files for web or print.

### Integration:

- Connect via an understanding of the principles and methods of light, contrast, and exposure.
- Connect patterns and experiences by generating digital negatives.
- Compare work ethic in accomplishing the tasks necessary for the successful completion of the work of the course.

### Human Dimension:

- Come to see themselves and understand the art of Digital Photography in the context of the course text: The Barbara London "Short Course in Digital Photography".

- They will also demonstrate an awareness of the variety of historical and contemporary purposes for which photography is used and the ability to make an image, which is suitable to a given purpose.

### Caring - Civic Learning:

- The process of exposure and image editing in photography.
- Camera controls of aperture, shutter speed and ISO speed.
- How camera controls can expressively effect images.
- The controls available to produce a print digitally.
- Composition and design aspects for successful visual communication aesthetic and critical evaluation of photographs.
- How the history of photography relates to contemporary understandings of image making.

### Learning How to Learn:

- Frame useful questions for developing technical skills.
- Interact constructively during critiques and discussions.