

ARTS-1515 INTRODUCTION TO PHOTOGRAPHY & DIGITAL IMAGING 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

This course is a study of the principles and techniques of photography using digital equipment, and discusses how digital cameras, imaging editing, and technology have changed the world of photography. Students will learn about studies in resolution, lighting, software, editing, printing, and web applications. They will gain fundamental knowledge in the rapidly expanding technology of photography and imaging, and be able to incorporate the knowledge into all areas of digital graphics.

Formerly: PHOT-160

Prerequisites: Basic computer navigation and file management skills

Semester Offered: Fall, Spring

Fee-Course/Program (F) \$20.00

COMMON STUDENT LEARNING OUTCOMES

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

COURSE LEARNING OUTCOMES

Upon successful completion of the course, the student will be able to...

- A working knowledge of digital camera operation
- A basic understanding of digital imaging
- An understanding of input and output sources in digital photography
- A basic understanding of image editing
- An understanding of photographic design and lighting
- An understanding of photographic history
- An understanding and ability to use the language of digital imagery
- Confidence in visual and written assessment skills
- Awareness of visual metaphors in personal art work and culture

SPECIFIC LEARNING OUTCOME

A working knowledge of camera operation, demonstrated by:

- Skillful use of the menu screen in digital cameras
- Skillful use of apertures and shutter speeds
- Skillful use of camera exposure meters
- A copy of this approved syllabus is on file in the dean's office.
- Knowledgeable of camera operations in manual and automatic mode

An understanding of basic digital darkroom technique, demonstrated by:

- Ability to navigate editing software for basic editing
- Ability to choose the proper resolution for the output use
- Ability to color correct photographs
- Ability to use global tonal correction

An understanding of photographic design, demonstrated by:

- Ability to apply elements of design to their photography
- Ability to observe light and use lighting to create an expressive image

Awareness of visual metaphors in personal art work and culture, demonstrated by:

- Ability to research other works of art
- Ability to apply their observations to their own work
- Sensitivity to the meaning and context of visual language