

Digital and Film Photography

ARTH005057

Credits: 0.5 units / 5 hours

Course Description

This course is an in-depth exploration of the basic techniques and development processes for all types of photography: black-and-white, color, and digital. The inclusion of hands-on projects allows students to develop the technical and expressive skills they need to produce quality pictures. Students are NOT required to have access to a darkroom to successfully complete this course. Students are required to submit their photos in electronic format.

Minimum Camera Requirements: 35 mm manual SLR (Single Lens Reflex) or digital camera with a minimum 6 megapixels and the ability to adjust exposures and shoot in various modes. If using a digital camera, students will need access to basic photo editing software that can output digital images in black-and-white mode and resize images for project submission.

Graded Assessments

3 Unit Evaluations; 3 Projects; 3 Proctored Progress Tests

Course Objectives

1. Understand how to use the SLR camera and/or the digital camera effectively.
2. Describe and use various types of lenses.
3. Evaluate various types of film.
4. Illustrate the uses of focus.
5. Explain depth of field.
6. Demonstrate the proper use of exposure.
7. Evaluate different landscape characteristics and techniques.
8. Define and illustrate portraiture.
9. Describe the effects that lighting can have and how to control it.
10. Identify and explain the use of resources.

Course Outline

Unit 1: Getting Started With Your Camera

Lesson 1: Handling Your Camera
Lesson 2: Getting the Most from Your Camera
Lesson 3: Film
Unit 1 Evaluation
Project 1
Progress Test 1

Unit 2: Film and Print Processing

Lesson 4: Exposure
Lesson 5: Film Processing
Lesson 6: Print Processing
Unit 2 Evaluation
Project 2
Progress Test 2

Unit 3: Drawing With Light

Lesson 7: Lighting
Lesson 8: Digital Photography
Lesson 9: Seeing Like a Camera Throughout the Ages
Unit 3 Evaluation
Project 3
Progress Test 3

Required Textbooks and Materials

(available through Follett virtual bookstore - <https://www.bkstr.com/nebraskahighschoolstore>)

Textbook: A Short Course in Photography, 10th Edition. 2019. Pearson (ISBN: 9780134638850)

Optional:

Film and Digital Photography ARTH005057 is the print version of the online course content. This print content is **optional** for this course.

For this course, you will also need the following:

- SLR 35mm manual camera
- 3 rolls 400 speed black-and-white film (either 24 or 36 exposures each)—Kodak T-MAX or Fujifilm Neopan are recommended.
- 2 rolls of ISO 400 color film (either 24 or 36 exposures each)—Fujifilm or Kodak are recommended.

AND/OR

- a digital camera with a minimum of 6 megapixels (with instruction manual)
- the ability to shoot digital pictures in black-and-white mode, or access to a basic photo editing software program that will allow you change the mode of the image to black-and-white (or grayscale)
- access to a basic photo editing software program that will allow you to change the size of your digital images to no more than 900 x 640 pixels each.