

PROFESSIONAL PHOTOGRAPHY, SEMESTER A

Credits: 0.5

COURSE OVERVIEW AND GOALS

This one-semester course is intended as a practical, hands-on guide to help you understand the skills required to achieve success in photography careers. This course has 14 lessons organized into four units, plus four Unit Activities. Each lesson contains one or more Lesson Activities.

This course will cover various topics in photography, such as history of photography, types of photography, types of camera, camera support equipment, types of camera lenses, exposure, lighting setups, rules of composition, color photography, storing and manipulating images, copyright laws and fair use, and printing photos.

You will submit the Unit Activities to your teacher, and you will grade your work in the Lesson Activities by comparing them with given sample responses. The Unit Activities (submitted to the teacher) and the Lesson Activities (self-checked) are the major components of this course. There are other assessment components, namely the mastery test questions that feature along with the lesson; the pre- and post-test questions that come at the beginning and end of the unit, respectively; and an end-of-semester test. All of these tests are a combination of simple multiple-choice questions and technology enhanced (TE) questions.

By the end of this course, you will be able to do the following:

- ❖ Describe the evolution of photography.
- ❖ Explore different types of photography and careers in photography.
- ❖ Operate various parts of a digital camera and produce photographs using various modes and settings available in a digital camera.
- ❖ Use camera support equipment.
- ❖ Produce photos using different types of lenses.
- ❖ Produce photographs of specific subjects, including still lifes, portraits, and architectural subjects.
- ❖ Produce quality photographs with appropriate lighting.
- ❖ Apply the elements and principles of art and the rules of composition while taking photographs.
- ❖ Produce both black and white and color photographs.

- ❖ Organize and store images.
- ❖ Manipulate images using photo-editing software.
- ❖ Discuss and apply laws and ethics related to photography.
- ❖ Print photographs using a digital printer.

COURSE COMPONENTS AND GRADING RUBRIC

The table gives a breakdown of the weight for each component in the course. Weight represents the percentage of the total score coming from each activity.

Course Components	Count	Weight *
Pretest. <i>A pretest is an optional assessment, typically designed for credit recovery. If a student shows mastery of a lesson objective, the student may be automatically exempted from the upcoming activities associated with the mastered objective. Pretests are not included as a component of the student's final grade.</i>	4	0%
Module. <i>Each module in this course contains an interactive tutorial or study and an associated mastery test. Tutorials and studies combine instruction and practice to prepare students for the mastery test, which is a computer-scored lesson-level summative assessment. The module score comes from a student's score on the mastery test.</i>	14	30%
Discussion. <i>A discussion activity is an opportunity for students to collaborate with their peers. An online threaded discussion mirrors the educational experience of a classroom discussion initiated when a teacher asks a complex, open-ended question. Students can engage in the discussion by responding both to the question and to the thoughts of others allowing for higher-order thinking about terminal objectives.</i>	4	10%
Unit Activity. <i>A Unit Activity is at the end of a unit and constitutes one or more small tasks. Its purpose is to deepen understanding of key unit concepts and tie them together. Each Unit Activity includes a simple rubric. The teacher versions include both a rubric and modeled sample answers. Unit Activities are teacher graded.</i>	4	20%
Posttest. <i>A posttest appears at the end of each unit.</i>	4	20%

Course Components	Count	Weight*
End-of-Semester Test. <i>An end-of-semester test (EOS) appears at the end of each course.</i>	1	20%
Total	31	100%

Weight* Teachers may manually adjust these weights if desired, per district grading requirements.

SCOPE AND SEQUENCE

UNIT 1: TYPES OF PHOTOGRAPHY AND CAREERS

In this unit, you'll describe the history, origins, and sources of law in the United States. You'll describe the history and development of criminal law in the United States. You'll identify the roles and functions of court systems. You'll also describe pretrial procedures in criminal courts. Finally, you'll explain the trial process in a criminal proceeding.

Activity	Activity Objective
Syllabus	Review the Course Syllabus at the beginning of the course.
History of Photography	Describe the evolution of photography and compare photography with other visual art forms.
Types of Photography	Explore different types of photography such as photojournalism, event, portrait, fashion, sports, nature, architecture, still life, action, fine art, magazine, and product.
Careers in Photography	Explore careers in photography and create a career portfolio.
Unit Activity: Types of Photography and Careers	Learn about various careers in photography, and analyze the works of photographers.

UNIT 2: USING DIGITAL CAMERAS

In this unit, you will learn how to operate various parts of a digital camera. You will also learn how to use various modes and settings available in a digital camera. You will learn how to use camera support equipment such as tripods, grips, and holds. You will learn how to produce a photograph with good exposure. Additionally, you will learn how to produce still life, portrait, and architectural photographs.

Activity	Activity Objective
Digital Cameras	• Operate various parts of a digital camera and produce photographs using various modes and setting available in a digital camera.
Camera Support equipment	• Use camera support equipment.
Digital Camera Lenses	• Produce photos that benefit from different lenses and different photo settings.
Basic Photography	• Produce photographs of specific subjects, including still lives, portraits, and architectural subjects.
Unit Activity: Using Digital Cameras	• Analyze a painting and reproduce it in a photograph.

UNIT 3: PHOTOGRAPHIC LIGHTING AND COMPOSITION

In this unit, you will familiarize yourself with the different types of photography lighting. You will learn about light modifiers, filters, and light meters. You will learn how to produce photographs using light modifiers and filters. You will also learn how to produce photographs by applying the elements and principles of art, and rules of composition. In addition, you will learn about color theory and produce black and white and color photographs.

Activity	Activity Objective
White Balance and Lighting	• Produce quality photographs with appropriate lighting.

Activity	Activity Objective
Photographic Composition	Apply the elements and principles of art and the rules of composition while taking photographs.
Color Photography	Describe the basic color theory and the use of color in photography.
Unit Activity: Photographic lighting and Composition	Produce architectural photographs using rules of composition and apply the appropriate white balance setting for a given scenario.

UNIT 4: BASIC MANIPULATION AND PRINTING OF IMAGES

In this unit, you will organize and store images with the appropriate format. You will learn how to apply image-manipulation techniques, such as cropping, resizing, flipping, and rotating images. You will also learn about copyright laws, licensing, and fair use. Finally, you will learn how to print images and how to mount, mat, and frame the photographs.

Activity	Activity Objective
Storing Images	Describe how to organize and store images.
Manipulating Images	Manipulate images using photo-editing software.
Copyright Laws and Fair Use	Analyze, discuss, and apply laws and ethics related to photography.
Printing Photos	Print photographs using a digital printer.
Unit Activity: Basic Manipulation and Printing of Images	Produce and print images for a magazine.