

# ART 166 : PHOTOGRAPHY: LIGHTING TECHNIQUES

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## Transcript title

Photography: Lighting

## Credits

4

## Grading mode

Standard letter grades

## Total contact hours

50

## Lecture hours

30

## Other hours

20

## Prerequisites

ART 265.

## Recommended preparation

ARH 270. Recommended to be taken with

## Course Description

Explores the basic fundamentals of photography lighting. Introduces lighting setups for various genres of photography, including fine art and commercial. Examines the concept of artistic vision, lighting styles, conditions, exposure, and composition. Repeatable for credit.

## Course learning outcomes

1. Identify the properties of light, including intensity, color, direction, and quality (hard vs. soft light).
2. Examine how natural and artificial light affect photographic outcomes.
3. Use separation of values to create depth in a photograph.
4. Experiment with different light modifiers.
5. Practice techniques for lighting various subjects.
6. Demonstrate the adjustment of exposure, highlights, shadows, and color tones in photo editing software.
7. Use media-specific terminology to receive and provide feedback.

## Content outline

1. Introduction to Studio Equipment
2. External Flash Units
3. Reflectors and Modifiers
4. Lighting Styles
5. Low-key and High-key
6. Color Temperature
7. Directional Lighting: Front, Side, Back, and Top
8. Lighting Quality: Diffused and Direct Light

9. Lighting Techniques for Portraits, Products, Still Life, Fine Art, and Commercial Photography
10. Light Painting with Long Exposures
11. Constructive critiques: receiving and [giving feedback between instructor and classmates](#)

## Required materials

Digital Single Lens Reflex or Mirrorless camera with manual focus lens and exposure capabilities is required. Students will need to provide specific materials used in this course, which may include textbook or other course reading documents; please see the syllabus for a detailed list.