Arkansas CTE

Fundamentals of Photography: Grades 9, 10, 11, 12

Adopted 2009

Studio Safety

1.1 Define terms related to safety in the Photography classroom

1. Use terms appropriately 1.1.1

1.2 Identify safety procedures for handling equipment in the studio

1. Demonstrate safety procedures 1.2.1
2. Illustrate proper studio design and use 1.2.2

1.3 Identify hazards

1. Demonstrate procedures for emergencies 1.3.1

History of Photography

2.1 Define terms related to the history of photography

1. Use terms appropriately 2.1.1

2.2 Explain the development and influence of photography

1. Collect and analyze samples that illustrate different uses of graphic images 2.2.1
2. Construct a timeline of major developments 2.2.2
3. Compare photography as an art form to other visual art forms 2.2.3
4. Analyze the mechanical development of photography 2.2.4

Tools of Photography

3.1 Define terms related to photographic equipment

1. Use terms appropriately 3.1.1

3.2 Discuss similarities and differences between photography and human vision

1. Compare/contrast the mechanics of the human eye and the camera 3.2.1

3.3 Describe different types of cameras

1. Demonstrate the use and purpose of various types of cameras 3.3.1

Skip to main content

Describe the use and purpose of the Single Lens Reflex (SLR) camera

1. Demonstrate the use of camera controls 3.4.1

3.5 Describe the different types and uses of lens

1. Compare the effects of focal length, aperture, and point of focus relating to emphasis in a photograph 3.5.1

The Nature of Light in Photography

4.1 Define terms related to light in photography

1. Use terms appropriately 4.1.1

4.2 Explain the nature of light in photography

1. Categorize the different types of light 4.2.1

4.3 Discuss the use of natural light in the production of photographs

1. Practice making photographs in natural light 4.3.1

4.4 Discuss the use of artificial light in the production of photographs

1. Practice making photographs in artificial light 4.4.1

4.5 Describe how to meter for correct exposure of photographs

1. Practice metering light for the production of photographs 4.5.1

4.6 Explain the use of light modifiers in the production of photographs

1. Practice using light modifiers 4.6.1

Camera/Media Controls

5.1 Define terms related to camera controls

1. Use terms appropriately 5.1.1

5.2 Explain the use of shutter speeds to control motion in photographs

1. Use the camera shutter speed controls to shoot stop action, showing motion, and panning photographs 5.2.1
2. Make a contact sheet and print stop action, showing motion, and panning 5.2.2

5.3 Explain how cameras control the depth of field

1. Use the camera aperture control to make photographs exhibiting depth of field 5.3.1
2. Make a contact sheet and print maximum and shallow depth of field 5.3.2

5.4 Control digital output

1. Use various types of media storage 5.4.1
2. Use output media 5.4.2
3. Control output resolution 5.4.3

Skip to main content

Photographic Composition and Print Production

6.1 Define terms related to print composition and print production

1. Use terms appropriately 6.1.1

6.2 Discuss the rules of composition

1. Make photographs using the rules of composition 6.2.1

6.3 Explain how to make photos using compositional elements

1. Practice making photos using the compositional elements of line, pattern, texture, shape, form, and perspective 6.3.1

Matting and Display of Photography

7.1 Define terms related to matting and display

1. Use terms appropriately 7.1.1

7.2 Explain the use of matting and display in photography

1. Produce an exhibit 7.2.1

Professional Development

8.1 Define terms related to professional development

1. Use terms appropriately 8.1.1

8.2 Demonstrate ethical actions in the field of photography

1. Evaluate situations in which ethics is an issue 8.2.1

8.3 Summarize careers in photography

1. Research career opportunities 8.3.1

8.4 Explain the components of a portfolio

1. Create a portfolio 8.4.1

8.5 Describe the traits which an employer considers desirable

1. Demonstrate the desired traits of an employee 8.5.1

8.6 Explain the parts of a letter of application

1. Write a letter of application 8.6.1

8.7 Explain the elements of a résumé

1. Write a résumé 8.7.1

8.8 Explain the information requested on job applications

1. Complete a job application 8.8.1

8.9 Explain the benefits of participating in student organizations

1. Compare/contrast positive and negative aspects of participation 8.9.1