

DOE Code: 5570 Commercial Photography for Grades 11-12

Domain – Camera Operation

I Domain – Camera Operation

Core Standard 1 - Students formulate a clear understanding of the purpose and function of a camera and the camera's working parts for use in commercial photography.

Standards

- 1 Describe and demonstrate basic and advanced camera operations [CP-1.1](#)
 - 2 Define terms related to camera settings and functions [CP-1.2](#)
 - 3 Identify different types of digital cameras, the location of their basic components, and the benefits and drawbacks of each type [CP-1.3](#)
 - 4 Identify, describe and use all of the parts of a 35mm SLR or Digital SLR camera in manual mode [CP-1.4](#)
 5. Identify and describe how different camera exposures relate to each other [CP-1.5](#)
 - 6 Demonstrate the steps to capture an image [CP-1.6](#)
 - 7 Apply appropriate maintenance and handling of a camera [CP-1.7](#)
 - 8 Recognize the effects of different lenses in a variety of different photographic situations [CP-1.8](#)
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Domain – Photographic Principles

II Domain – Photographic Principles

**Core Standard 2 -
Students apply and
adapt traditional
photographic principles
to design quality photos.**

Standards

- 1 Identify and define elements and principles of design related to photography CP-2.1
- 2 Identify and define basic compositional variations utilized throughout the world of photography CP-2.2
- 3 Demonstrate lighting and studio lighting principals and techniques CP-2.3
- 4 Students analyze, assess, and derive meaning from commercial art, including their own, according to the elements of art, the principles of design, and aesthetic qualities CP-2.4
- 5 Apply visual and verbal communication skills CP-2.5
- 6 Recognize how photography relates to the world around us CP-2.6
- 7 Examine the basic concept of good composition found in any photograph CP-2.7
- 8 Identify the impact the background behind a subject has on the image quality CP-2.8
- 9 Demonstrate knowledge of ISO selection and proper exposure settings for a variety of situations CP-2.9
- 10 Demonstrate an understanding of artificial and natural lighting techniques as they apply to different situations and effects CP-2.10

**Domain – Photographic
Post-Production**

III Domain – Photographic Post-Production

**Core Standard 3
Students produce edited
and formatted
photographs/files for
use in different types of
media.**

Standards

- 1 Identify, describe, and use all relevant darkroom equipment, chemicals, and supplies CP-3.1
- 2 Utilize tools available in photographic editing software to manipulate images CP-3.2
- 3 Demonstrate an understanding of the software that manages images in the computer CP-3.3
- 4 Create original photographs of increasing complexity and skill in a variety of media as needed in a commercial setting CP-3.4
- 5 Evaluate a photograph for the effective use of the elements and principles of art CP-3.5

**Domain – Photography
File Management**

IV Domain – Photography File Management

**Core Standard 4 -
Students manage the
distribution and storage
of photographs/files for
efficiency of work flow
and the development of
a portfolio.**

Standards

- 1 Identify digital file formats as they relate to size, quality, and transfer capabilities CP-4.1
- 2 Create a system involving photographic files for efficient storage and recall CP-4.2
- 3 Demonstrate how to use photo editing software to set size and resolution for images based on the intended use of the image CP-4.3
- 4 Demonstrate an understanding of digital file formats as they pertain to image capture, manipulating, storing, and printing of digital images CP-4.4
- 5 Demonstrate an understanding of how pixels are used in digital photography CP-4.5
- 6 Use and identify memory devices and file types associated with digital cameras CP-4.6
- 7 Students will demonstrate knowledge in creating a physical and/or electronic portfolio CP-4.7

**Domain – Careers in
Photography**

V Domain – Careers in Photography

**Core Standard 5 -
Students analyze
opportunities in
commercial and digital
photography for
potential careers.**

Standards

- 1 Identify work ethics and behaviors that are important for educational and occupational photography success CP-5.1
- 2 Students identify skills used in vocational, cultural, and recreational opportunities in photograph CP-5.2
- 3 Describe connections between photography and other disciplines to see how they work together CP-5.3
- 4 Develop career awareness related to working in the photography industry CP-5.4
- 5 Explore opportunities for advanced training CP-5.5
- 6 Explore entrepreneurship opportunities CP-5.6