

# DOE Code: 5570 Commercial Photography for Grades 11-12

## Domain – Camera Operation

### I Domain – Camera Operation

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**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

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**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
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**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
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**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

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**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