Indiana CTE

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

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

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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 Ph

V Domain – Careers in Photography

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

Standards

1. Indentify 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