Kansas CTE

Photo Imaging (2011): Grades 9, 10, 11, 12

Adopted 2011

Essential Knowledge and Skills

0.1 Achieve additional academic knowledge and skills required to pursue the full range of career and postsecondary education opportunities within a career cluster.

1. Adapt language for audience, purpose, situation (i.e. diction/structure, style). 0.1.1
2. Compose focused copy for a variety of written documents (i.e. documents, notes, oral presentations reports). 0.1.2
3. Demonstrate knowledge of basic arithmetic operations such as addition, subtraction, multiplication and division. 0.1.3
4. Analyze data when interpreting operational documents. 0.1.4

0.2 Use oral and written communication skills in creating, expressing and interpreting information and ideas including technical terminology and information.

1. Interpret information, data and observations to apply information learned from reading to actual practice. 0.2.1
2. Communicate effectively with others to foster positive relationships. 0.2.2
3. Reference the sources of information. 0.2.3
4. Compose multi-paragraph documents clearly, succinctly, and accurately (i.e. correct grammar, spelling, punctuation and capitalization). 0.2.4
5. Deliver an oral presentation to provide information for specific purposes and audiences. 0.2.5

0.3 Solve problems using creativity, innovation and critical thinking skills (analyze, synthesize, and evaluate) independently and in teams.

1. Analyze elements of a problem to determine solutions (including how to think creatively). 0.3.1

0.4 Understand the importance of health, safety, and environmental management systems and follow organizational policies and procedures and contribute to continuous improvement in performance and compliance.

1. Follow operation manuals for all equipment and tools to maintain safe workplace for self and others. 0.4.1

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2. Demonstrate safe work habits and procedures (i.e. personal habits, around electricity, storage of equipment). 0.4.2

0.5 Use leadership and teamwork skills in collaborating with others to accomplish organizational goals and objectives.

1. Exhibit leadership skills (i.e. management of resources, listening to others, respect, supporting others). 0.5.1
2. Work with others to achieve objectives in a timely manner (i.e. follow direction, take responsibility, respect for others and cooperation). 0.5.2

0.6 Know and understand the importance of professional ethics and legal responsibilities.

1. Follow code of ethics for the Arts, AV and Communications field in all projects, decisions and actions. 0.6.1

0.7 Know and understand the importance of employability skills, effectively manage careers and the importance of entrepreneurship skills.

1. Model behaviors of a good employee (i.e. reliability, dependability, professionalism). 0.7.1
2. Create a record of work experiences, certifications and products. 0.7.2

Technical Skills

1.0 Use the technical knowledge and skills required to pursue the targeted careers for all pathways in the career cluster, including knowledge of design, operation, and maintenance of technological systems critical to the career cluster.

1.1 Analyze career paths in the visual arts.

1. Increase knowledge of careers related to photo journalism. 1.1.1

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1.2 Demonstrate technical skills related to careers in the visual arts.

1. Explore the variety of uses of photos and images in media. 1.2.1
2. Discuss current and emerging issues surrounding imaging technologies. 1.2.2
3. Recognize and capture storytelling images that utilize strong elements of composition and complement story content. 1.2.3
4. Explain the difference between a photograph and a snapshot. 1.2.4
5. Identify camera equipment, hardware and software to meet a variety of needs. 1.2.5
6. Explain the operation of different cameras (including features and uses). 1.2.6
7. Understand copyright issues as it applies to photography and the use of images (i.e. own work vs. work of others). 1.2.7
8. Define the role that photographs and/or images play in storytelling. 1.2.8
9. Explore photo editing software. 1.2.9
10. Understand the consequences of photo manipulation. 1.2.10
11. Explore the use of actions to complete repetitive tasks. 1.2.11
12. Understand and correctly resize an image for a variety of media uses (e.g. correct resolution for print, web or display usages.) 1.2.12
13. Critique photographic work (including an analysis of technique, content, composition and the ability to convey message or tell a story). 1.2.13
14. Understand freedom of the press and define the photographer's rights and responsibilities. 1.2.14
15. Apply principles of composition to improve picture taking capabilities. 1.2.15
16. Demonstrate the ability to select and use the correct equipment for a specific photographic assignment. 1.2.16
17. Demonstrate an understanding of aperture, shutter speed, white balance, ISO and depth of field. 1.2.17
18. Demonstrate an understanding of libel, privacy, copyright and counterfeit laws as they apply to photography and image use. 1.2.18
19. Create a portfolio to illustrate skill development. 1.2.19