

KSDE

Arts, AV Technology and Communication Career Cluster

Pathway (CIP CODE: 09.0702): AV Communications and (CIP CODE:50.0499) Visual Arts

Course KCCMS #: 30105

Photo Imaging

Standard Alignment Document

Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images.

Directions: Refer to the crosswalk key to identify the alignment to the national standards and common core.

Essential Knowledge and Skills

Academic Foundations

Benchmark: 0.1 <i>Achieve additional academic knowledge and skills required to pursue the full range of career and postsecondary education opportunities within a career cluster.</i>		Alignment
0.1.1	Adapt language for audience, purpose, situation (i.e. diction/structure, style).	ESS01.02.02
0.1.2	Compose focused copy for a variety of written documents (i.e. documents, notes, oral presentations reports).	ESS01.02.04
0.1.3	Demonstrate knowledge of basic arithmetic operations such as addition, subtraction, multiplication and division.	ESS01.03.02
0.1.4	Analyze data when interpreting operational documents.	ESS01.03.07; S

Communications

Benchmark: 0.2 <i>Use oral and written communication skills in creating, expressing and interpreting information and ideas including technical terminology and information.</i>		
0.2.1	Interpret information, data and observations to apply information learned from reading to actual practice.	ESS02.01.04: S
0.2.2	Communicate effectively with others to foster positive relationships.	ESS02.02.05; *1.2.3
0.2.3	Reference the sources of information.	ESS02.03.03
0.2.4	Compose multi—paragraph documents clearly, succinctly, and accurately (i.e. correct grammar, spelling, punctuation and capitalization).	ESS02.05.01
0.2.5	Deliver an oral presentation to provide information for specific purposes and audiences.	ESS02.06.01, 02.06.04

Problem Solving

Benchmark: 0.3 <i>Solve problems using creativity, innovation and critical thinking skills (analyze, synthesize, and evaluate) independently and in teams .</i>		
0.3.1	Analyze elements of a problem to determine solutions (including how to think creatively).	ESS03.01.02

Safety, Health and Environmental:

Benchmark: 0.4 <i>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.</i>		
0.4.1	Follow operation manuals for all equipment and tools to maintain safe workplace for self and others.	ESS06.01.09; *1.2.7
0.4.2	Demonstrate safe work habits and procedures (i.e. personal habits, electricity safety, storage	ARC06.02.02, 0604.01,

	of equipment).	06.05.02, 06.07.01; *1.2.7
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Leadership and Teamwork:

Benchmark: 0.5 <i>Use leadership and teamwork skills in collaborating with others to accomplish organizational goals and objectives.</i>		
0.5.1	Exhibit leadership skills (i.e. management of resources, listening to others, respect, supporting others).	ESS0701.02, 07.01.03, 07.01.04; *1.2.6
0.5.2	Work with others to achieve objectives in a timely manner (i.e. follow direction, take responsibility, respect for others and cooperation).	ESS07.03.01; *1.2.4 & 2.1.1

Ethics and Legal Responsibilities

Benchmark: 0.6 <i>Know and understand the importance of professional ethics and legal responsibilities.</i>		
0.6.1	Follow code of ethics for the Arts, AV and Communications field in all projects, decisions and actions.	ESS08.01; ARC08.01.01, 08.01.02; *1.2.8

Employability and Career Development

Benchmark: 0.7 <i>Know and understand the importance of employability skills, effectively manage careers and the importance of entrepreneurship skills.</i>		
0.7.1	Model behaviors of a good employee (i.e. reliability, dependability, professionalism).	ESS09.06.01; *1.2.2 & 1.2.7
0.7.2	Create a record of work experiences, certifications and products.	ESS09.04.02; *1.2.2 & 16.1.5

Technical Skills

Comprehensive Standard:

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.

Benchmark: 1. 1 <i>Analyze career paths in the visual arts and communications fields.</i>		
1.1.1	Increase knowledge of careers related to photo journalism.	\$

Benchmark: 1. 2 <i>Demonstrate technical skills related to careers in the visual arts and communication fields.</i>		
1.2.1	Explore the variety of uses of photos and images in media.	
1.2.2	Discuss current and emerging issues surrounding imaging technologies.	
1.2.3	Recognize and capture storytelling images that utilize strong elements of composition and complement story content.	
1.2.4	Explain the difference between a photograph and a snapshot.	
1.2.5	Identify camera equipment, hardware and software to meet a variety of needs.	
1.2.6	Explain the operation of different cameras (including features and uses).	
1.2.7	Understand copyright issues as it applies to photography and the use of images (i.e. own work vs. work of others).	
1.2.8	Define the role that photographs and/or images play in storytelling.	
1.2.9	Explore photo editing software.	
1.2.10	Understand the consequences of photo manipulation.	ARPB01.02.05
1.2.11	Explore the use of actions to complete repetitive tasks.	
1.2.12	Understand and correctly resize an images for a variety of media uses (e.g. correct resolution for print, web or display usages.)	
1.2.13	Critique photographic work (including an analysis of technique, content, composition and the ability to convey message or tell a story).	
1.2.14	Understand freedom of the press and define the photographer's rights and responsibilities.	
1.2.15	Apply principles of composition to improve picture taking capabilities.	
1.2.16	Demonstrate the ability to select and use the correct equipment for a specific photographic assignment.	
1.2.17	Demonstrate an understanding of aperture, shutter speed, white balance, ISO and depth of	

	field.	
1.2.18	Demonstrate an understanding of libel, privacy, copyright and counterfeit laws as they apply to photography and image use.	
1.2.19	Create a portfolio to illustrate skill development.	

Crosswalk Key:

- (ESS) Career Cluster Essential Knowledge and Skills (www.careertech.org)
- (ARC) Arts, AV Communication Career Cluster Foundational Skills
- (ARPA) Arts, AV Pathway Audio Visual
- (ARPB) Arts, AV Pathway Broadcasting
- (ARPF) Arts, AV Pathway Visual Arts
- *National (2008) Family and Consumer Sciences Standards (www.aafcs.org)
- (S) National JumpStart Standards (Financial Literacy)
- (▲) Assessed Indicator for Kansas Assessment Tests
- (R) Kansas Reading Curricular Standards
- (MHS) Kansas Mathematics Curricular Standards—High School
- (W) Kansas Writing Curricular Standards
- (SC) Kansas School Counseling Standards
- (H-G) Kansas History & Government; Economics & Geography Curricular Standards
- (S) Kansas Science Curricular Standards

Third Party Assessments:

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Performance Assessment:

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