

KSDE

Arts, AV Technology and Communication Career Cluster

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

Course KCCMS #: 30102

Graphic Design Fundamentals

Standard Alignment Document

Graphic Design Fundamentals provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software and equipment and learning composition techniques to develop a quality product.

Standard Alignment Document

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 of equipment).	ARC06.02.02, 0604.01, 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	Explore visual communication careers which utilize graphic design.	ARPF01.01.01; \$
1.1.2	Compare the advantages and disadvantages of working independently and working for others within the field (including mass production vs. custom work).	ARPF01.01.03; \$

Benchmark: 1. 2 <i>Demonstrate technical skills related to careers in the visual arts and communication fields.</i>		
1.2.1	Describe how changing technology is impacting the visual communications industry.	ARPF01.02.01
1.2.2	Explore present and future uses of graphic design by looking at the present market and predicting trends (i.e. magazines, logos, hang tags, store signage, product and packaging design).	ARPF01.01.04 & 01.02.07
1.2.3	Define common terminology and concepts in graphic design (i.e. scale drawing, thumbnail sketches, perspective, typography and branding).	
1.2.4	Explore the equipment, software and tools used in graphic design for electronic applications.	
1.2.5	Analyze how images can convey messages.	
1.2.6	Describe how graphic design is used in digital applications.	
1.2.7	Demonstrate the methods used to create a visual representation of ideas and messages (i.e. combining words, symbols and/or images).	
1.2.8	Identify the basics of composition.	
1.2.9	Identify and understand the design elements and principles.	ARPF01.03.01
1.2.10	Analyze the effects of the design elements (e.g. optical illusion and color theory).	ARPF01.03.02
1.2.11	Compare and contrast 2-D and 3-D design.	ARPF01.04.01 & 01.04.04
1.2.12	Analyze legal concerns that affect the design field such as copyright and trademark issues.	
1.2.13	Describe the fundamental design principles in graphic design.	
1.2.14	Evaluate the visual appeal of graphic designs within visual communications.	
1.2.15	Analyze the design process of graphic projects (from concept to finished product).	

1.2.16	Demonstrate design principles in a graphic design project.	ARPF01.04.01
1.2.17	Demonstrate proper use of tools, software and equipment.	
1.2.18	Understand and demonstrate quality presentation skills.	
1.2.19	Create a portfolio of graphic design projects.	

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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