Colorado CTE

Visual & Design Arts (2015): Grades 9, 10, 11, 12, Higher Education

Adopted 2015

Analyze and utilize the foundations in visual communication as related to current industry standards and trends. ARVD.01

01. **Understand the principles and elements of art and design.** ARVD.01.01
    a. Understand and analyze line, shape, form, color, texture, balance, unity, variety, emphasis, movement and proportion as related to visual communication. ARVD.01.01.A
    b. Understand and analyze principles of color theory: color schemes, relationships and symbolism. ARVD.01.01.B
    c. Create multiple solutions to problems by applying principles and elements in the production of visual designs. ARVD.01.01.C

02. **Use available tools and techniques.** ARVD.01.02
    a. Identify industry related tools and equipment. ARVD.01.02.A
    b. Utilize a variety of tools and techniques in traditional and experimental ways. ARVD.01.02.B
    c. Employ digital literacy skills. ARVD.01.02.C

03. **Apply historical and cultural context as related to visual communication.** ARVD.01.03
    a. Investigate communication throughout historical and cultural contexts, intents and meanings. ARVD.01.03.A
    b. Evaluate and analyze historical styles in relationship to contemporary trends. ARVD.01.03.B

Understand and demonstrate technology and process related to visual communication. ARVD.02

01. **Demonstrate the planning process.** ARVD.02.01
    a. Implement design cycle. ARVD.02.01.A
    b. Apply tools and skills to plan workflow (i.e. time management, business cycle, pricing. ARVD.02.01.B
    c. Investigate to gather information necessary for decision making. ARVD.02.01.C
    d. Employ ongoing reflective strategies during the design process. ARVD.02.01.D

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02. **Apply project implementation.** ARVD.02.02

- a. Demonstrate competency in traditional and new art media and use current equipment to apply appropriate technology for the expression of ideas. ARVD.02.02.A
- b. Follow design cycle to create projects. ARVD.02.02.B
- c. Decide appropriate presentation formats and materials. ARVD.02.02.C

03. **Understand and apply finalization techniques** ARVD.02.03

- a. Finalize designs for output. ARVD.02.03.A
- b. Assess the usage of art elements and principles in the design. ARVD.02.03.B
- c. Present, publish and/or create portfolio. ARVD.02.03.C

Know and understand the scope of career opportunities and qualifications in the Visual Arts Pathway to build an understanding of career opportunities and options. ARVD.03

01. **Investigate career opportunities.** ARVD.03.01

- a. Identify possible career options. ARVD.03.01.A
- b. Compare and contrast current careers. ARVD.03.01.B
- c. Identify the training and qualifications necessary for career pathways. ARVD.03.01.C
- d. Evaluate future occupational outlooks. ARVD.03.01.D
- e. Develop personal career plan. ARVD.03.01.E

02. **Cultivate necessary workplace skills.** ARVD.03.02

- a. Identify and demonstrate positive work behaviors and personal qualities necessary for the current workforce (i.e., Critical Thinking, Information Literacy, Collaboration, Self Direction, Invention). ARVD.03.02.A

Integrate knowledge, skills, and practices required for careers in textiles and apparels. ARVD.04

01. **Analyze career paths within textile apparel and design industries.** ARVD.04.01

- a. Explain the roles and functions of individuals engaged in textiles and apparel careers. ARVD.04.01.A
- b. Analyze opportunities for employment and entrepreneurial endeavors. ARVD.04.01.B
- c. Summarize education and training requirements and opportunities for career paths in textile and apparel services. ARVD.04.01.C
- d. Analyze the effects of textiles and apparel occupations on local, state, national, and global economies. ARVD.04.01.D
- e. Create an employment portfolio for use with applying for internships, work-based learning opportunities and employment in textiles, fashion, and apparel. ARVD.04.01.E
- f. Analyze the role of professional organizations in textiles, fashion, and apparel industries. ARVD.04.01.F

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02. **Evaluate fiber and textile products and materials.** ARVD.04.02

a. Apply appropriate terminology for identifying, comparing, and analyzing the most common generic textile fibers. ARVD.04.02.A

b. Evaluate performance characteristics of textile fiber and fabrics. ARVD.04.02.B

c. Summarize textile legislation, standards, and labeling in the global economy. ARVD.04.02.C

d. Analyze effects of textile characteristics on design, construction, care, use, and maintenance of products. ARVD.04.02.D

e. Apply appropriate procedures for care of textile products. ARVD.04.02.E

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03. Demonstrate fashion, apparel, and textile design skills. ARVD.04.03

a. Explain the ways in which fiber, fabric, texture, pattern, and finish can affect visual appearance. ARVD.04.03.A

b. Apply basic and complex color schemes and color theory to develop and enhance visual effects. ARVD.04.03.B

c. Utilize elements and principles of design in designing, constructing, and/or altering textile, apparel, and fashion products. ARVD.04.03.C

d. Demonstrate design concepts with fabric or technology/computer, using draping and/or flat pattern making technique. ARVD.04.03.D

e. Generate design that takes into consideration ecological, environmental, sociological, psychological, technical, and economic trends and issues. ARVD.04.03.E

f. Apply elements and principles of design to assist consumers and businesses in making decisions. ARVD.04.03.F

g. Demonstrate ability to use technology for fashion, apparel, and textile design. ARVD.04.03.G

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04. Demonstrate skills needed to produce, alter, or repair fashion, apparel, and textile products. ARVD.04.04

a. Demonstrate professional skills in using a variety of equipment, tools, and supplies for fashion, apparel, and textile construction, alteration, and repair. ARVD.04.04.A

b. Explain production processes for creating fibers, yarn, woven, and knit fabrics, and non-woven textile products. ARVD.04.04.B

c. Use appropriate industry products and materials for cleaning, pressing, and finishing textile, apparel, and fashion products. ARVD.04.04.C

d. Analyze current technology and trends that facilitate design and production of textile, apparel, and fashion products. ARVD.04.04.D

e. Demonstrate basic skills for producing and altering textile products and apparel. ARVD.04.04.E

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Evaluate elements of textile, apparel, and fashion merchandising. ARVD.04.05

a. Apply marketing strategies for textile, apparel, and fashion products. ARVD.04.05.A

b. Analyze the cost of constructing, manufacturing, altering, or repairing textile, apparel, and fashion products. ARVD.04.05.B

c. Analyze ethical considerations for merchandising apparel and textile products. ARVD.04.05.C

d. Apply external factors that influence merchandising. ARVD.04.05.D

e. Critique varied methods for promoting apparel and textile products. ARVD.04.05.E

f. Apply research methods, including forecasting techniques, for marketing apparel and textile products. ARVD.04.05.F

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06. Evaluate the components of customer service. ARVD.04.06

a. Analyze factors that contribute to quality customer relations. ARVD.04.06.A

b. Analyze the influences of cultural diversity as a factor in customer relations. ARVD.04.06.B

c. Demonstrate the skills necessary for quality customer service. ARVD.04.06.C

d. Create solutions to address customer concerns. ARVD.04.06.D

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07. Demonstrate general operational procedures required for business profitability and career success. ARVD.04.07

a. Analyze legislation, regulations, and public policy affecting the textiles, apparel, and fashion industries. ARVD.04.07.A

b. Analyze personal and employer responsibilities and liabilities regarding industry-related safety, security, and environmental factors. ARVD.04.07.B

c. Analyze operational costs such as mark ups, mark downs, cash flow, and other factors affecting profit. ARVD.04.07.C

d. Demonstrate knowledge of the arts, of various resources, and cultural impact upon the textile, apparel, and fashion industries. ARVD.04.07.D

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08. Analyze recurring and evolving family, workplace, and community concerns. ARVD.04.08

a. Describe recurring and evolving concerns facing individuals, families, workplaces, and communities. ARVD.04.08.A

b. Describe levels of concerns: individual, family, workplace, community, cultural/societal, global/environmental. ARVD.04.08.B

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09. Implement practical reasoning for responsible action in families, workplaces, and communities. ARVD.04.09

a. Establish standards for choosing responsible action to address a particular concern. ARVD.04.09.A

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b. Evaluate the conditions of a particular concern, e.g. historical, social-psychological, socioeconomic, political, cultural, global/environmental. ARVD.04.09.B

c. Use adequate and reliable information to critique possible actions. ARVD.04.09.C

Integrate knowledge, skills, and practices required for careers in housing, interiors, and furnishings. ARVD.05

01. Develop an understanding of the profession of Interior Design. ARVD.05.01

a. Contrast and communicate the roles of an Interior Decorator versus an Interior Designer. ARVD.05.01.A

b. Identify the differences between Reality TV and actual professional practices. ARVD.05.01.B

c. Identify and locate various resources pertaining to the Interior Design Profession. ARVD.05.01.C

02. Demonstrate awareness of design drawings, tools and techniques. ARVD.05.02

a. Identify, create and differentiate types of design drawings. ARVD.05.02.A

b. Develop and maintain sketchbook. ARVD.05.02.B

c. Practice and apply the basic drawing techniques. ARVD.05.02.C

03. Develop an understanding of Commercial Interior Design. ARVD.05.03

a. To develop an awareness that residential and non-residential design are similar in process, but unique characteristics of planning are needed to address a complex commercial space which often has multiple purposes, functions and occupants. ARVD.05.03.A

04. Have a global view and weigh design decisions within the parameters of ecological, socio-economic, and cultural contexts. ARVD.05.04

a. Demonstrate an understanding of the concepts, principles, and theories of sustainability as they pertain to building methods, materials, systems, and occupants. ARVD.05.04.A

b. Exposure to contemporary issues affecting interior design. ARVD.05.04.B

05. The designer is informed by knowledge of behavioral science and human factors. ARVD.05.05

a. Demonstrate the ability to select, interpret and apply appropriate ergonomic data. ARVD.05.05.A

b. Demonstrates understanding and the ability to appropriately apply universal design concepts. ARVD.05.05.B

06. Designers need to apply all aspects of the design process to creative problem solving. Design process enables designers to identify and explore complex problems and generate creative solutions that support human behavior within the interior environment. ARVD.05.06

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a. Identify and define relevant aspects of a design problem (goals, objectives, performance criteria.) ARVD.05.06.A

b. Gather appropriate and necessary information and research findings to solve the problem (evidence-based design). ARVD.05.06.B

c. Demonstrate creative thinking and originality through presentation of a variety of ideas, approaches, and concepts. ARVD.05.06.C

07. Understand multi-disciplinary collaborations and consensus building. ARVD.05.07

a. Develop an awareness of team work structures and dynamics. ARVD.05.07.A

08. Entry-level interior designers are effective communicators. ARVD.05.08

a. Express ideas clearly in visual, oral, and written communication. ARVD.05.08.A

b. Produce competent presentation drawings. ARVD.05.08.B

c. Integrate oral and visual material to present ideas clearly. ARVD.05.08.C

09. Use ethical and accepted standards of practice, are committed to professional development and the industry, and understand the value of their contribution to the built environment. ARVD.05.09

a. Understands the contributions of interior design to contemporary society. ARVD.05.09.A

b. Understands the elements of business practice (business development, financial management, strategic planning, collaboration and integration of disciplines. ARVD.05.09.B

c. Examine ethical issues in design. ARVD.05.09.C

d. Understand the role and value of professional organizations. ARVD.05.09.D

10. Designers select and specify furniture, fixtures, equipment and finish materials in interior spaces. ARVD.05.10

a. Layout and specify furniture, fixtures and equipment. ARVD.05.10.A

11. Use laws, codes, standards, and guidelines that impact the design of interior spaces. ARVD.05.11

a. Awareness of industry-specific regulations. ARVD.05.11.A

b. Demonstrate an understanding of laws, codes, standards and guidelines that impact fire and life safety that include movement (access to the means of egress including exits). ARVD.05.11.B

c. Apply appropriate accessibility guidelines. ARVD.05.11.C

12. Analyze career paths within the housing, interior, and furnishings industry. ARVD.05.12

a. Summarize education, training, and credentialing requirements and opportunities for career paths in housing, interiors, and furnishings. ARVD.05.12.A

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13. **Evaluate housing design concepts in relation to available resources and options.** ARVD.05.13

    a. Apply the principles and elements of design. ARVD.05.13.A

    b. Analyze the psychological impact that the principles and elements of design have on the individual. ARVD.05.13.B

    c. Analyze the effects that the principles and elements of design have on aesthetics and function. ARVD.05.13.C

14. **Analyze recurring and evolving family, workplace, and community concerns.** ARVD.05.14

    a. Describe recurring and evolving concerns facing individuals, families, workplaces, and communities. ARVD.05.14.A

    b. Describe level of concerns: individual, family, workplace, community, cultural/societal, global/environment. ARVD.05.14.B

15. **Implement practical reasoning for responsible action in families, workplaces, and communities.** ARVD.05.15

    a. Evaluate the conditions of a particular concern, e.g. historical, social-psychological, socioeconomic, political, cultural, global/environmental. ARVD.05.15.A

    b. Use adequate and reliable information to critique possible actions. ARVD.05.15.B

    c. Implement and monitor a plan of action based on established standards and valued ends. ARVD.05.15.C