Kansas CTE

Trends in Interior and Textile Design (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

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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
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 Integrate knowledge, skills and practices required for careers in housing, interior, textiles and apparel.

1.1 Analyze career paths in housing, interior, textiles and apparel.

1. Analyze the role of professional organizations in forecasting the interior design and textile industry. 1.1.1
2. Analyze the attitudes, traits and values of professional responsibility, accountability and effectiveness required for a career in interiors and textiles. 1.1.2

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1.2 Demonstrate technical skills related to careers in housing, interior, textiles and apparel.

1. Generate design that takes into consideration ecological, sociological and economic trends and issues. 1.2.1
2. Analyze trends using principles and elements of design to determine the impact on aesthetics and function. 1.2.2
3. Demonstrate ability to use technology for interior, textile and apparel applications. 1.2.3
4. Apply principles of human behavior (e.g. ergonomics and anthropometrics) to design. 1.2.4
5. Analyze the cost of constructing, manufacturing and/or recycling interior and textile products. 1.2.5
6. Evaluate manufacturers, products and materials as to care and maintenance and safety issues. 1.2.6
7. Examine the impact of housing, interiors and textiles on the healthy, safety and welfare of the public. 1.2.7
8. Demonstrate design processes such as determining the scope of a project, programming, research, concept development, proposal, schematic design, design drawing and design presentation development. 1.2.8
9. Demonstrate graphic communication skills (e.g. CAD, power point, sketching). 1.2.9
10. Analyze future design and developmental trends in interior and textiles (e.g. universal design and green practices). 1.2.10
11. Justify design solutions relative to client needs, goals and resources. 1.2.11
12. Select appropriate studio tools for specific tasks (e.g. client presentations). 1.2.12
13. Prepare sketches, elevations or renderings using appropriate media, symbols and scale. 1.2.13
14. Prepare visual presentations which include legends, keys and schedules. 1.2.14
15. Utilize a variety of presentation media such as photography, video, computer and software for client presentations. 1.2.15
16. Demonstrate knowledge of available resources, global factors and cultural impact upon design industries. 1.2.16
17. Demonstrate knowledge of multi-disciplinary collaborations and consensus building skills. 1.2.17