TN Department of Education | College, Career and Technical Education

Foundations of Interior Design

Primary Career Cluster:	Architecture & Construction
Course Contact:	CTE.Standards@tn.gov
Course Code(s):	C17H12
Prerequisite(s):	None
Credit:	1
Grade Level:	9
Elective Focus -Graduation Requirements:	This course satisfies one of three credits required for an elective focus when taken in conjunction with other Architecture & Construction courses. In addition, this course satisfies the *Fine Arts* requirement for graduation.
POS Concentrator:	This course satisfies one out of two required courses that meet the Perkins V concentrator definition, when taken in sequence in the approved program of study.
Programs of Study and Sequence:	This is the first course in the *Interior Design* program of study.
Aligned Student Organization(s):	Family, Career and Community Leaders of America (FCCLA): http://www.tennesseefccla.org/
Coordinating Work-Based Learning:	Teachers are encouraged to use embedded WBL activities such as informational interviewing, job shadowing, and career mentoring. For information, visit https://www.tn.gov/content/tn/education/career-and-technical-education/work-based-learning.html.
Promoted Tennessee Student Industry Credentials:	Credentials are aligned with postsecondary and employment opportunities and with the competencies and skills that students acquire through their selected program of study. For a listing of promoted student industry credentials, visit https://www.tn.gov/education/career-and-technical-education/student-industry-certification.html
Teacher Endorsement(s):	050, 051, 154, 450, 954
Required Teacher Certifications/Training:	None
Teacher Resources:	https://www.tn.gov/education/career-and-technical-education/career-clusters/cte-cluster-architecture-construction.html Best for All Central: https://bestforall.tnedu.gov/

Course-At-A-Glance

CTE courses provide students with an opportunity to develop specific academic, technical, and 21st century skills necessary to be successful in career and in life. In pursuit of ensuring every student in Tennessee achieves this level of success, we begin with rigorous course standards which feed into intentionally designed programs of study.

Students engage in industry relevant content through general education integration and experiences such as career & technical student organizations (CTSO) and work-based learning (WBL). Through these experiences, students are immersed with industry standard content and technology, solve industry-based problems, meaningfully interact with industry professionals and use/produce industry specific, informational texts.

Using a Career and Technical Student Organization (CTSO) in Your Classroom

CTSOs are a great resource to put classroom learning into real-life experiences for your students through classroom, regional, state, and national competitions, and leadership opportunities. Below are CTSO connections for this course, note this is not an exhaustive list.

- Participate in CTSO Fall Leadership Conference to engage with peers by demonstrating logical thought processes and developing industry specific skills that involve teamwork and project management.
- Participate in contests that highlight job skill demonstration. These include Career Investigation, Job Interview, Leadership, and Interior Design.

Using a Work-based Learning (WB) in Your Classroom

Sustained and coordinated activities that relate to the course content are the key to successful work-based learning. Possible activities for this course include the following. This is not an exhaustive list.

- **Standards 2.1-2.3** | Guest speaker.
- **Standard 3.1-3.2 |** Visit a local company and discuss trends in design with those employees.
- **Standard 4.1-4.2** | Visit a local company and discuss career options with employees.
- **Standard 6.1-6.3**| Do a project that is used by a local industry or evaluated by local industry managers.

Course Description

Foundations of Interior Design is the first course in the *Interior Design* program of study intended to prepare students for careers in residential and commercial interior design. Standards in this course include career exploration of various options within the interior design industry as well as an overview of the history of architecture and design. Projects will involve individual and team assignments. Upon completion of this course, proficient students will be able to analyze and demonstrate the elements and the principles of design, and apply these concepts using sketching techniques in the creation of perspective floor plans.

Course Standards

1. **Safety**

    1.1 Safety: Demonstrate the ability to comply with **personal and environmental safety practices** associated with interior design applications, such as the use of adhesives, hand tools, machines, and appropriate handling and storage methods in accordance with local, state, and federal safety and environmental regulations.
    a.   Inspect, maintain, and employ safe operating procedures with tools and equipment.
    b.   Adhere to responsibilities, regulations, and Occupational Safety & Health Administration (OSHA) policies regarding reporting of accidents and observed hazards, and regarding emergency response procedures.
    c.   Maintain a portfolio record of written safety examinations and equipment examination for which the student has passed an operational checkout by the instructor.

2. **History of Architecture and Interior Design**

    2.1 History of Architecture: Synthesize research from textbooks, interior design magazines, and professional journals covering **significant time periods in the development of architecture** from the beginning of civilization to the present.

    2.2 History of Interior Design: Research the **influences of major interior designers or architects and their contributions to the design industry**. Include the designers' names, major contributions, and examples of their works.

    2.3 History of Furniture Styles: Identify and compare **distinguishing features of furniture styles from the medieval period to the present**. Classify the historical features based on the construction features, design elements, materials and functions.

3. **Trends in Design**

    3.1 Trends in Interior Design: Research **trends in interior design** using trade journals, design magazines and internet sources. Create an annotated display that visually illustrates current trends in flooring, window treatments, appliances, kitchen and bathroom design, colors and lighting.

3.2 Sustainable Design: Research the **principles of green design, responsible design, and sustainable design**. Evaluate **the cost, benefits and challenges posed by using green design**. Compare traditional products to environmentally responsible products.

4. **Career Investigation**

4.1 Interior Design Careers: Identify and analyze **career pathways within the Interior Design program of study.** Cite supporting evidence from textbooks, interior design magazines, and professional journals to summarize the essential knowledge and skills required for these careers. Complete one or more **career aptitude surveys** and analyze the results. Identify the relationships between personal career aptitudes and careers in interior design. Careers may include, but are not limited to, the following:
a. Interior Designers
b. Textiles Designers
c. Industrial Designers

4.2 Opportunities: Compile and analyze **real-time and projected labor market data** from public sources such as the **U.S. Bureau of Labor Statistics** to investigate **local and regional occupational opportunities and trends in the interior design industry**. Synthesize collected data to develop a graphic illustration comparing occupations by education requirements, job availability, salaries, and benefits.

5. **Principles and Elements of Design**

5.1 Elements of Design: **Analyze the elements of design** in the context of interior design by evaluating their effect and application in interiors, furnishings, and accessories.
Elements:
a. Line
b. Shape/Form
c. Space /Size/Stability
d. Value
e. Color
f. Texture

5.2 Principles of Design: Illustrate the **principles of design** by creating an informational artifact that represents the **selection and arrangements of interiors, furnishings, and accessories** using those principles.
Principles:
a. Unity
b. Harmony
c. Balance
d. Rhythm/Repetition
e. Contrast/ Variety
f. Dominance/Emphasis
g. Gradation

5.3 <u>Color Schemes:</u> Drawing on the **application of color theory in interior design,** analyze **the color wheel** to identify **techniques that achieve desired hues, values, intensities and color schemes**. Demonstrate the ability to **coordinate colors** to **create unity** in furnishings, backgrounds, and accessory samples in various color schemes.

5.4 <u>Color Impacts:</u> Research the **psychological characteristics of colors**, comparing and contrasting the **differences in warm and cool color palettes**. Illustrate and describe in a written narrative **how color is measured in hue, value, and intensity,** and **how these properties combine to produce specific psychological characteristics**. Produce examples that demonstrate how and why color hues may be used in certain areas of a floor plan.

6. **Traffic Patterns & Floor Plans**

6.1 <u>Space Planning and Traffic Patterns:</u> Examine the **guidelines for space planning and traffic patterns in residential structures**. Create a list of typical rooms in a residence, describing the desired characteristics and space requirements for each.

6.2 <u>Floor Plan:</u> Assemble a design of a room using hand sketch techniques to **create a floor plan**, including outlining space planning guidelines and traffic patterns. Write a narrative describing the room's design concept, highlighting where the principles and elements of design and color theory have been applied.

6.3 <u>Using Drawings to Draft Floor Plan:</u> Analyze examples of **dimensional floor plans** and **architectural blueprint symbols** and explain how interior designers use them throughout the design process. Demonstrate the ability to **consult and interpret blueprints** in order to aid in the drafting of hand sketches of floor plans**.** Compile the sketches completed in the course with other artifacts for inclusion in a design portfolio to be updated throughout the program of study.

7. **Interior Design Portfolio**

7.1 <u>Portfolio:</u> Create a portfolio. Gather examples of professional portfolios from contemporary interior designers, retrieved from designers' webpages, CVs, or postsecondary design schools. List the items that are often included in an interior design portfolio. Write a short paper describing the benefits of keeping a professional portfolio.

Standards Alignment Notes
*References to other standards include:
- FACS: National Standards for Family and Consumer Sciences Education, Second Edition: National Association of State Administrators of Family and Consumer Sciences, FACS.
- P21: Partnership for 21st Century Skills Framework for 21st Century Learning

- o Note: While not all standards are specifically aligned, teachers will find the framework helpful for setting expectations for student behavior in their classroom and practicing specific career readiness skills.