

Interior Design

Interior Design

This semester course will provide a practical hands-on experience in the world of interior design. In addition to an emphasis on careers, students will learn the elements, principles, history, and goals of interior design in housing exteriors and interiors. Students will also spend time practicing room and furniture layouts with professional computer programs.

In Interior Design learner will:

- explore housing and interior styles and design
- apply the elements, principles, history, and goals of interior design to projects.
- create floorplans using computer generated software.

National Standards for Family and Consumer Sciences Education

Developed by the National Association of State Administrators of FCS

©2008-2018

Area of Study 11.0

Housing and Interior Design - revised (revisions & additions approved by NASAFACS September 2009) technical corrections July 2010

Comprehensive Standard

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

Content Standards		Competencies	
11.1	Analyze career paths within the housing, interior design, and furnishings industries.	11.1.1	Explain the roles and functions of individuals engaged in housing and interior design careers.
		11.1.3	Summarize education, training, and credentialing requirements and opportunities for career paths in housing and interior design.
		11.1.6	Analyze the role of professional organizations in housing and interior design professions.
		11.1.7	Analyze the attitudes, traits, and values of professional responsibility, accountability and effectiveness required for careers in housing and interior design.
11.2	Evaluate housing and design concepts and theories, including green design, in relation to available resources and options.	11.2.1	Evaluate the use of elements and principles of design in housing and commercial and residential interiors.
		11.2.2	Analyze the psychological impact that the principles and elements of design have on the individual.
		11.2.3	Analyze the effects that the principles and elements of design have on aesthetics and function.
		11.2.4	Apply principles of human behavior such as ergonomics and anthropometrics to design of housing, interiors, and furnishings.
11.3	Apply housing and interior design knowledge, skills and processes to meet specific design needs.	11.3.1	Analyze product information, including but not limited to floor coverings, wall coverings, textiles, window treatments, furniture, lighting fixtures, kitchen and bath fixtures and equipment.
		11.3.5	Examine the impact of housing, interiors, and furnishings on the health, safety, and welfare of the public.
		11.3.6	Demonstrate design processes such as determining the scope of the project, programming, research, concept development, proposal, schematic design, design drawing, and design presentation development.

11.4	Demonstrate design, construction document reading, and space planning skills required for the housing, interior design, and furnishings.	11.4.2	Evaluate floor plans for efficiency and safety in areas including but not limited to zones, traffic patterns, storage, and electrical, and mechanical systems.
		11.4.4	Arrange furniture placement with reference to principles of design, traffic flow, activity, and existing architectural features.
		11.4.6	Demonstrate graphic communication skills (CAD, PowerPoint, sketching).
11.5	Analyze design and development of architecture, interiors, and furnishings through the ages.	11.5.1	Describe features of furnishings that are characteristic of various historical periods.
		11.5.2	Explain societal and technological trends on periods of architecture and interior design through the ages.
		11.5.3	Illustrate the development of architectural styles throughout history.
		11.5.4	Compare and contrast historical architectural details to current housing and interior design trends.
		11.5.5	Analyze future design and development trends in architecture, interiors, and furnishings.
11.7	Apply design knowledge, skills, processes, and theories and oral, written, and visual presentation skills to communicate design ideas.	11.7.1	Select appropriate studio tools.
		11.7.3	Prepare visual presentations including legends, keys, and schedules.
		11.7.6	Create floor plans using architectural drafting skills and computer aided design software.

Family and Consumer Sciences Connecticut Technical Education Standards

C. Apparel and Textile Design: Demonstrate apparel and textile design skills.

- 8. Describe the ways in which the texture and design of a fabric can affect visual appearance.
- 9. Apply basic and complex color schemes and color theory to develop and enhance visual effects.
- 11. Apply elements and principles of design to assist consumers in making decisions.

E. Career Paths: Analyze career paths within textile and apparel industries.

- 18. Identify education and training pathways in textile, apparel, and fashion careers.
- 19. Demonstrate transferable and employability skills used in the community and workplace settings.

Interior Design 10

Assessments

Assessments are based on student's ability to accomplish skill objectives.

Student's progress in the Fashion Design 10 will be measured with both formative and summative performance based assessments.

Common assessments will be used and correlated within each unit.

Teacher Resources

- Internet, tablets, books, texts, magazines, online textbooks and other resources
- *Chief Architect*, software or comparable for CAD design

Units	Essential Questions	Central Understandings	Skill Objectives
		Students will understand:	Students will be able to:
Housing Needs and Choices	<p>What is housing?</p> <p>How do people interact with their housing?</p>	<ul style="list-style-type: none"> the main factors to consider when choosing a home. the relationship between lifestyle and housing choices. 	<ul style="list-style-type: none"> assess how housing helps people meet their needs. assess factors that affect housing choices, including values, space, costs, roles and lifestyle. summarize how housing needs change over the life span. examine ways housing affects quality of life.
Housing Exteriors	<p>How did the development of exterior architectural styles become known today as Traditional, Modern, and Contemporary styles?</p> <p>How do housing styles continue to evolve to meet changing trends and lifestyles?</p>	<ul style="list-style-type: none"> how geographical location and historical and economic events influence housing styles. how exterior design determines the basic layout and design of the home's interior. 	<ul style="list-style-type: none"> identify distinguishing features of traditional and contemporary styles of homes. identify characteristics of housing styles which reflect location and climate.
The Principles and Elements of Design	<p>How do the elements of design affect aesthetics and function?</p> <p>How are the principles of design used with the elements of design?</p>	<ul style="list-style-type: none"> characteristics of good design. the psychological impact the elements and principles of design. the use of elements and principles of design in interiors. 	<ul style="list-style-type: none"> evaluate the use of the elements of design in interiors. distinguish how the elements of design aesthetically change the look of an interior.

<p>Circulation and floor plans</p>	<p>Why do efficient floor plans group rooms according to function?</p> <p>Why is it necessary to design convenient traffic patterns?</p> <p>What factors are considered when arranging furniture?</p> <p>How does CAD (computer assisted design) aid in space planning?</p>	<ul style="list-style-type: none"> • how a scale floor plan aids in the process of space planning. • how the proximity and connections between rooms is important. • furniture placement for flow. 	<ul style="list-style-type: none"> • identify the types of circulation within a home. • identify the size and location needs of a room. • determine the utility of a floor plan in relationship to a family's needs. • determine the appropriateness of a room for its use.
<p>Housing Interiors</p>	<p>What materials and methods will help set the interior background for a room?</p> <p>What are the distinguishing features of furniture throughout history?</p> <p>How do windows influence the interior and exterior of the home?</p> <p>How does window style, size and location influence their treatment?</p>	<ul style="list-style-type: none"> • choice of furniture styles is a matter of taste, or personal preference. • many furniture styles link to particular countries or historical periods. • an accessory should have a purpose in a room and not just fill a space. • how windows affect the natural light, air circulation and view in a room. • the functions of window treatments. 	<ul style="list-style-type: none"> • plan satisfying interior backgrounds. • choose furniture that incorporates "form follows function". • evaluate the selection and placement of functional and decorative accessories according to the elements, principles, and goals of design. • distinguish among various types of windows. • distinguish among various types of window treatments.