Nebraska CTE

Home Design and Interiors

HUMAN SCIENCES AND EDUCATION HSE.HS.22

1 **Evaluate housing and design concepts and theories, including sustainability and universal design, in relation to available resources and options.** HSE.HS.22.1

- a Apply principles of human behavior to the design of housing, interiors and furnishings. HSE.HS.22.1.A
- b Evaluate the use of elements and principles of design in housing design and commercial and residential interiors. HSE.HS.22.1.B
- c Analyze the psychological impact that the principles and elements of design have on the individual. HSE.HS.22.1.C
- d Analyze the effects that the principles and elements of design have on aesthetics and function. HSE.HS.22.1.D
- e Explain how fabric selection affects the finish of products. HSE.HS.22.1.E

2 **Evaluate the influence of architecture, interior design, and furnishings throughout history.** HSE.HS.22.2

- a Distinguish between the styles of architecture, interior design, furniture, and furnishings. HSE.HS.22.2.A
- b Describe the development of architectural styles throughout history. HSE.HS.22.2.B
- c Compare and contrast historical architectural details to current housing and interior design trends. HSE.HS.22.2.C
- d Explain societal and technological trends and their impact on architecture and interior design styles throughout history. HSE.HS.22.2.D
- e Assess design and development trends in architecture, interior design, and furnishings. HSE.HS.22.2.E

3 **Evaluate the design and function of interior space.** HSE.HS.22.3

- a Evaluate living space needs and apply space management guidelines to interior designs. HSE.HS.22.3.A
- b Determine traffic flow, activity, and existing architectural features in creating floor plans responding to needs of all populations (e.g., aging, handicapped). HSE.HS.22.3.B
- c Arrange furniture placement with reference to design principles, traffic flow, activity, and existing architectural features. HSE.HS.22.3.C

Skip to main content

d Evaluate floor plans for efficiency and safety, including but not limited to zones, traffic patterns, furniture placement, storage, and electrical and mechanical systems. HSE.HS.22.3.D

4 Generate a design using technology utilized within the design industry. HSE.HS.22.4

a Identify the workplace value of technology tools and applications. HSE.HS.22.4.A

b Use the appropriate technology tools for conveying information, solving problems, expediting workplace processes, and effectively presenting information. HSE.HS.22.4.B

c Create designs using technology commonly used in the interior design field. HSE.HS.22.4.C

d Prepare visual presentations using a variety of media methods to communicate the design concept. HSE.HS.22.4.D

5 Evaluate the needs, goals, and resources of a client to design interiors. HSE.HS.22.5

a Identify how geographic locations, safety, security, energy efficiency, aesthetic preferences, and required maintenance affect housing choices for individuals, families, and communities. HSE.HS.22.5.A

b Assess financial resources needed to achieve housing and interior design goals. HSE.HS.22.5.B

c Apply adaptive and universal design concepts to meet client needs. HSE.HS.22.5.C

d Evaluate and select furnishings, fixtures, and appliances to meet specific design needs. HSE.HS.22.5.D

e Summarize the purposes of various views in architectural drawings including plan views, elevation view, and section and detail views, as well as the use of renderings, models, and isometric drawings. HSE.HS.22.5.E

f Demonstrate scaling, 2D elevations, utilization of architectural symbols, and the manual drawing used for interior design. HSE.HS.22.5.F

g Demonstrate design board planning and sample curation. HSE.HS.22.5.G

6 Apply business principles in the design industry. HSE.HS.22.6

a Explain how products and services are priced for selling (material costs, labor costs, overhead costs). HSE.HS.22.6.A

b Demonstrate measuring, estimating, ordering, purchasing, and pricing skills for design products (e.g., furnishings, appliances, floor coverings). HSE.HS.22.6.B

c Apply the 4P's of marketing (product, place, price, promotion). HSE.HS.22.6.C

d Incorporate recycle and redesign principles. HSE.HS.22.6.D

7 Analyze career paths within the housing and interior design industries. HSE.HS.22.7

Skip to main content

a Explain the roles and functions of professionals in the housing and interior design industries. HSE.HS.22.7.A

b Summarize education, training, and credentialing requirements and career opportunities in the housing and interior design industries. HSE.HS.22.7.B

c Describe the knowledge and skills required of an entrepreneur. HSE.HS.22.7.C

d Analyze opportunities for employment and entrepreneurial endeavors in the housing and interior design industries. HSE.HS.22.7.D