

Interior Design
Alignment with NASAFACS Standards (NS)

Topic 1: Career Development

Unit 1: Leadership Skills (*11 strategies*)

(NS 1) Integrate multiple life roles and responsibilities in family, work, and community settings.

- **1.2** Demonstrate transferable knowledge, attitudes, and technical and employability skills in school, community and workplace settings.
- **1.2.6** Demonstrate leadership skills and abilities in school, workplace and community settings.

Unit 2: Professional Dress; Etiquette (*22 strategies*)

(NS 1) Integrate multiple life roles and responsibilities in family, work, and community settings.

- **1.2** Demonstrate transferable knowledge, attitudes, and technical and employability skills in school, community and workplace settings.
- **1.2.8** Demonstrate employability skills, work ethics, and professionalism.

Unit 3: Developing a Portfolio (*14 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.1** Analyze career paths within the housing, interior design, and furnishings industries.
- **11.1.5** Create an employment portfolio to communicate housing and interior design careers knowledge and skills.

Topic 2: Housing

Unit 1: Factors Related to Making Housing Decisions (*22 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial interior design knowledge, skills and processes to meet specific design needs.
- **11.3.5** Examine the impact of housing, interiors, and furnishings on the health, safety, and welfare of the public.
- **11.4** Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.
- **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.

Interior Design
Alignment with NASAFACS Standards (NS)

Unit 2: Budgeting for Housing (*14 strategies*)

(NS 2) Evaluate management practices related to the human, economic, and environmental resources in a global context.

- **2.1** Demonstrate management of individual and family resources such as food, clothing, shelter, health care, recreation, transportation, time, and human capital.
- **2.1.5** Apply consumer skills to decisions about housing, utilities, and furnishings.

Unit 3: Housing Industry and Influencing Factors (*9 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.8** Analyze professional practices and procedures for business profitability and career success, and the role of ethics in the housing, interiors and furnishings industries.
- **11.8.1** Examine legislation, regulations, and public policy that affect residential and commercial interior design as well as the housing and furnishings industries.
- **11.8.6** Analyze operational costs such as mark ups, markdowns, cash flow, and other factors affecting profit.

Unit 4: Creating a Safe, Secure and Well-Maintained Home (*20 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial interior design knowledge, skills and processes to meet specific design needs.
- **11.3.5** Examine the impact of housing, interiors, and furnishings on the health, safety, and welfare of the public.

Topic 3: Architecture and Construction

Unit 1: Architectural Styles (*8 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.5** Analyze design and development of architecture, interiors, and furnishings 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.

Unit 2: Housing and Site Selection (*7 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.4** Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.
- **11.4.6** Demonstrate graphic communication skills (CAD, PowerPoint, sketching).

Interior Design
Alignment with NASAFACS Standards (NS)

Unit 3: Housing Construction and Influencing Factors (16 strategies)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.4** Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.
- **11.4.1** Interpret information provided on design, construction, and other industry-related interior design documents.
- **11.4.6** Demonstrate graphic communication skills (CAD, PowerPoint, sketching).

Unit 4: Energy Conservation and Landscaping (19 strategies)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.4** Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.
- **11.4.6** Demonstrate graphic communication skills (CAD, PowerPoint, sketching).
- **11.9** Develop a global view to weigh design decisions with the parameters of sustainability and socioeconomic and cultural contexts within the housing, interior design, and furnishings industries.
- **11.9.1** Demonstrate knowledge and skills to incorporate recycle and redesign principles.

Topic 4: Decision-Making Related to Interior Environments

Unit 1: Interior Decisions and Influencing Factors (10 strategies)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.6** Evaluate client's needs, goals, and resources in creating design plans for housing and residential and commercial interiors.
- **11.6.2** Assess client's community, family, and financial resources needed to achieve housing and interior design goals.

Unit 2: Budgeting for Interior Resources (10 strategies)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.6** Evaluate client's needs, goals, and resources in creating design plans for housing and residential and commercial interiors.
- **11.6.1** Assess financial resources needed to improve interior space.

Interior Design
Alignment with NASAFACS Standards (NS)

Topic 5: Interior Design Drafting Fundamentals

Unit 1: Drawing Instruments and Techniques *(13 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.7** Apply design knowledge, skills, processes, and theories and oral, written, and visual presentation skills to communicate design ideas.
- **11.7.2** Prepare sketches, elevations, perspectives, and renderings using appropriate media.
- **11.7.6** Create floor plans using architectural drafting skills and computer aided design software.

Unit 2: Computer Aided Drafting *(9 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.4** Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.
- **11.4.6** Demonstrate graphic communication skills (CAD, PowerPoint, sketching).
- **11.7** Apply design knowledge, skills, processes, and theories and oral, written, and visual presentation skills to communicate design ideas.
- **11.7.6** Create floor plans using architectural drafting skills and computer aided design software.

Topic 6: Design Practices

Unit 1: Elements and Principles of Design *(16 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.2** Evaluate housing and design concepts and theories, including sustainability and universal 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.

Unit 2: Space Planning *(8 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.4** Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.

Interior Design
Alignment with NASAFACS Standards (NS)

- **11.4.2** Evaluate floor plans for efficiency and safety in areas including but not limited to zones; traffic patterns; storage; and electrical, plumbing, ventilation, and thermal systems.
- **11.4.4** Arrange furniture placement with reference to principles of design, traffic flow, activity, and existing architectural features.

Unit 3: Impact of Technology on Interior Design Practices (*4 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.4** Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.
- **11.4.6** Demonstrate graphic communication skills (CAD, PowerPoint, sketching).
- **11.5** Analyze design and development of architecture, interiors, and furnishings through the ages.
- **11.5.2** Explain societal and technological trends on periods of architecture and interior design through the ages.

Unit 4: Laws, Public Policies and Regulations Impacting Interior Design
(*5 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.8** Analyze professional practices and procedures for business profitability and career success, and the role of ethics in the housing, interiors and furnishings industries.
- **11.8.1** Examine legislation, regulations, and public policy that affect residential and commercial interior design as well as the housing and furnishings industries.

Unit 5: Designing for Various Needs (*9 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.6** Evaluate client's needs, goals, and resources in creating design plans for housing and residential and commercial interiors.
- **11.6.2** Assess client's community, family, and financial resources needed to achieve housing and interior design goals.
- **11.6.3** Assess a variety of available resources for housing and interior design, such as evidence based design that accounts for human factors and issues of human behavior.
- **11.6.5** Justify design solutions relative to client needs, including diversity and cultural needs, and the design process.
- **11.7** Apply design knowledge, skills, processes, and theories and oral, written, and visual presentation skills to communicate design ideas.
- **11.7.2** Prepare sketches, elevations, perspectives, and renderings using appropriate media.

Interior Design
Alignment with NASAFACS Standards (NS)

- **11.7.4** Utilize a variety of presentation media including drawings, photography, video, computer, and software for client presentations.

Topic 7: Interior Finishes

Unit 1: Wall Treatments *(15 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.
- **11.3.3** Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.

Unit 2: Floor Coverings *(11 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.
- **11.3.3** Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.

Unit 3: Ceilings *(5 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.

Unit 4: Windows and Window Treatments *(15 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.

Interior Design
Alignment with NASAFACS Standards (NS)

- **11.3.3** Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.

Topic 8: Residential and Commercial Lighting

Unit 1: Functions, Principles, and Types of Lighting (*13 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.
- **11.3.3** Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.

Topic 9: Residential and Commercial Furniture

Unit 1: Period Styles of Furniture (*7 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **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.

Unit 2: Selection, Function, and Care of Furniture (*21 strategies*)

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.
- **11.3.2** Evaluate manufacturers, products, and materials considering building codes and regulations, environmental protection, care and maintenance, and safety issues.
- **11.3.3** Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.
- **11.3.4** Appraise various interior furnishings, finishes, fixtures, appliances, and equipment to provide cost and quality choices for clients.

Topic 10: Residential and Commercial Appliances

Unit 1: Selection, Function, and Care of Appliances *(19 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.
- **11.3.2** Evaluate manufacturers, products, and materials considering building codes and regulations, environmental protection, care and maintenance, and safety issues.
- **11.3.3** Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills.
- **11.3.4** Appraise various interior furnishings, finishes, fixtures, appliances, and equipment to provide cost and quality choices for clients.

Topic 11: Residential and Commercial Accessories

Unit 1: Selection, Types and Care of Accessories *(19 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.3** Apply residential and commercial 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.

Topic 12: Comprehensive Projects

Unit 1: Application of Interior Design Knowledge and Skills *(4 strategies)*

(NS 11) Integrate knowledge, skills, and practices required for careers in housing and interior design.

- **11.6** Evaluate client's needs, goals, and resources in creating design plans for housing and residential and commercial interiors.
- **11.6.1** Assess financial resources needed to improve interior space.
- **11.6.2** Assess client's community, family, and financial resources needed to achieve housing and interior design goals.

Interior Design
Alignment with NASAFACS Standards (NS)

- **11.6.3** Assess a variety of available resources for housing and interior design, such as evidence based design that accounts for human factors and issues of human behavior.
- **11.6.4** Critique design plans to address client's needs, goals and resources.
- **11.6.5** Justify design solutions relative to client needs, including diversity and cultural needs, and the design process.
- **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.
- **11.7.2** Prepare sketches, elevations, perspectives, and renderings using appropriate media.
- **11.7.3** Prepare visual presentations including legends, keys, and schedules.
- **11.7.4** Utilize a variety of presentation media including drawings, photography, video, computer, and software for client presentations.
- **11.7.5** Utilize applicable building codes and universal design regulations and guidelines in space planning.
- **11.7.6** Create floor plans using architectural drafting skills and computer aided design software.