

Interior Design
Alignment with NASAFACS Standards

Topic 1: Career Development – Unit 1: Leadership Skills (11)

- **(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.

Topic 1: Career Development - Unit 2: Professional Dress; Etiquette (22)

- **(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.

Topic 1: Career Development - Unit 3: Developing a Portfolio (14)

- **(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)

- **(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.

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Topic 2: Housing - Unit 2: Budgeting for Housing (14)

- **(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.

Topic 2: Housing - Unit 3: Housing Industry and Influencing Factors (9)

- **(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.

Topic 2: Housing - Unit 4: Creating a Safe, Secure and Well-Maintained Home (20)

- **(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)

- **(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.

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Topic 3: Architecture and Construction - Unit 2: Housing and Site Selection (7)

- **(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).

Topic 3: Architecture and Construction - Unit 3: Housing Construction and Influencing Factors (16)

- **(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).

Topic 3: Architecture and Construction - Unit 4: Energy Conservation and Landscaping (19)

- **(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)

- **(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.

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Topic 4: Decision-Making Related to Interior Environments - Unit 2: Budgeting for Interior Resources (10)

- **(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.

Topic 5: Interior Design Drafting Fundamentals - Unit 1: Drawing Instruments and Techniques (13)

- **(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.

Topic 5: Interior Design Drafting Fundamentals - Unit 2: Computer Aided Drafting (9)

- **(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)

- **(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.

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- **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.

Topic 6: Design Practices - Unit 2: Space Planning (8)

- **(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.
- **11.4.2** 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.

Topic 6: Design Practices - Unit 3: Impact of Technology on Interior Design Practices (4)

- **(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.

Topic 6: Design Practices - Unit 4: Laws, Public Policies and Regulations Impacting Interior Design (5)

- **(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.

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Topic 6: Design Practices - Unit 5: Designing for Various Needs (9)

- **(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.
- **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)

- **(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 7: Interior Finishes - Unit 2: Floor Coverings (11)

- **(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.

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Topic 7: Interior Finishes - Unit 3: Ceilings (5)

- **(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 7: Interior Finishes - Unit 4: Windows and Window Treatments (15)

- **(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 8: Residential and Commercial Lighting - Unit 1: Functions, Principles, and Types of Lighting (13)

- **(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)

- **(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.

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Topic 9: Residential and Commercial Furniture - Unit 2: Selection, Function, and Care of Furniture (21)

- **(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)

- **(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)

- **(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

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bath fixtures and equipment.

Topic 12: Comprehensive Projects - Unit 1: Application of Interior Design Knowledge and Skills (4)

- **(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.
- **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.