

Wisconsin Family and Consumer Sciences

# **Housing, Interiors, and Furnishings (HIF)**

**Students will integrate knowledge, skills, and practices required for careers in housing, interiors, and furnishings.** FCS.HIF.1

**A Analyze career paths within the housing, interiors, and furnishings industries.** FCS.HIF.1.A

Beginning (b)

- 1 Define labor market information and its impact on employment opportunities within housing, interiors, and furnishings. FCS.HIF.1.A.B.1
- 2 Introduce career paths in housing, interiors, and furnishings. FCS.HIF.1.A.B.2
- 3 Identify qualities of an effective and productive employee. FCS.HIF.1.A.B.3
- 4 Define a professional organization. FCS.HIF.1.A.B.4
- 5 List attitudes, traits, and values of a responsible employee in a career related to housing and interior design. FCS.HIF.1.A.B.5

Intermediate (i)

- 1 Explain the roles and functions of individuals engaged in housing, interiors, and furnishings careers. FCS.HIF.1.A.I.1
- 2 Summarize education, training, and credentialing requirements and opportunities for career paths in housing and interior design. FCS.HIF.1.A.I.2
- 3 Investigate the impact of housing, interiors, and furnishings careers on local, state, national, and global economies. FCS.HIF.1.A.I.3
- 4 Explore the role of professional organizations in housing and interior design professions. FCS.HIF.1.A.I.4
- 5 Distinguish between positive and negative professional behaviors of an individual who works in a career related to housing and interior design. FCS.HIF.1.A.I.5

Advanced (a)

- 1 Analyze career paths and opportunities for employment and entrepreneurial endeavors. FCS.HIF.1.A.A.1
- 2 Create an employment portfolio to communicate knowledge and skills needed in housing and interior design careers. FCS.HIF.1.A.A.2
- 3 Analyze the financial benefits of interior design to individuals, families, and society including financial benefits of careers in housing, interior design, and furnishings on local, state, national, and global economies. FCS.HIF.1.A.A.3
- 4 Analyze the role of professional organizations in housing and interior design professions. FCS.HIF.1.A.A.4
- 5 Analyze the attitudes, traits, and values of professional responsibility, accountability, and effectiveness required for careers in housing and interior design. FCS.HIF.1.A.A.5

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**B Evaluate housing and design concepts and theories, including sustainability and universal design in relation to available resources and options. FCS.HIF.1.B**

Beginning (b)

- 1 Identify the principles and elements of design. FCS.HIF.1.B.B.1
- 2 Define aesthetics and function. FCS.HIF.1.B.B.2
- 3 Demonstrate appropriate sizing and shapes of proportions. FCS.HIF.1.B.B.3

Intermediate (i)

- 1 Evaluate the use of elements and principles of design in housing and commercial and residential interiors. FCS.HIF.1.B.I.1
- 2 Identify the effects that the principles and elements of design have on aesthetics and function. FCS.HIF.1.B.I.2
- 3 Identify principles of human behavior such as ergonomics and anthropometrics, to the design of housing, interiors, and furnishings. FCS.HIF.1.B.I.3

Advanced (a)

- 1 Analyze the psychological impact that the principles and elements of design have on the individual. FCS.HIF.1.B.A.1
- 2 Analyze the effects that the principles and elements of design have on aesthetics and function. FCS.HIF.1.B.A.2
- 3 Apply principles of human behavior, such as ergonomics and anthropometrics, to the design of housing, interiors, and furnishings. FCS.HIF.1.B.A.3

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**C Apply residential and commercial interior design knowledge, skills, and processes to meet specific design needs.** **FCS.HIF.1.C**

Beginning (b)

- 1 Identify different floor coverings and wall coverings. **FCS.HIF.1.C.B.1**
- 2 Identify manufacturers' products and materials considering care, maintenance, safety, and environmental protection issues. **FCS.HIF.1.C.B.2**
- 3 Model basic measuring skills. **FCS.HIF.1.C.B.3**
- 4 Identify the types of furniture and appliances needed in individual situations. **FCS.HIF.1.C.B.4**
- 5 Identify the steps in residential and commercial design development. **FCS.HIF.1.C.B.5**

Intermediate (i)

- 1 Provide examples of different types of floor coverings, wall coverings, textiles, window treatments, furniture, lighting fixtures, kitchen and bath fixtures, and equipment. **FCS.HIF.1.C.I.1**
- 2 Summarize basic environmental protection, care and maintenance, and safety issues when creating residential and commercial interior design space. **FCS.HIF.1.C.I.2**
- 3 Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills. **FCS.HIF.1.C.I.3**
- 4 Investigate cost and quality choices of interior furnishings, appliances, and equipment for clients, with analysis of product life cycle. **FCS.HIF.1.C.I.4**
- 5 Interpret residential and commercial interior design schematic renderings and design drawings. **FCS.HIF.1.C.I.5**

Advanced (a)

- 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. **FCS.HIF.1.C.A.1**
- 2 Evaluate manufacturers, products, and materials considering building codes and regulations, environmental protection, care and maintenance, and safety issues. **FCS.HIF.1.C.A.2**
- 3 Appraise various interior furnishings, finishes, fixtures, appliances, and equipment to provide cost and quality choices for clients. **FCS.HIF.1.C.A.3**
- 4 Examine the impact of housing, interiors, and furnishings on the health, safety, and welfare of the public. **FCS.HIF.1.C.A.4**
- 5 Demonstrate design processes such as determining the scope of the project, programming, research, concept development, schematic design, design drawing, and design development and presentation. **FCS.HIF.1.C.A.5**

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**D Demonstrate design, construction document reading, and space planning skills required for the housing, interior design, and furnishings industries. FCS.HIF.1.D**

Beginning (b)

- 1 Identify information provided on floor plans. FCS.HIF.1.D.B.1
- 2 Identify the traffic flow of a floor plan based on the activities conducted in the space and existing architectural features. FCS.HIF.1.D.B.2
- 3 Discuss space planning in the home. FCS.HIF.1.D.B.3
- 4 Explore online tools that could be used in creating graphic communication of a design in housing and interior design. FCS.HIF.1.D.B.4

Intermediate (i)

- 1 Interpret information provided on design, construction, and other industry-related interior design documents. FCS.HIF.1.D.I.1
- 2 Arrange furniture placement with reference to principles of design, traffic flow, activity, and existing architectural features. FCS.HIF.1.D.I.2
- 3 Arrange furniture placement with reference to principles of design, traffic flow, activity, and existing architectural features. FCS.HIF.1.D.I.3
- 4 Create an interior space to mathematically accurate scale and correct architectural symbols using an online tool. FCS.HIF.1.D.I.4

Advanced (a)

- 1 Draft an interior space to scale using architectural symbols. FCS.HIF.1.D.A.1
- 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. FCS.HIF.1.D.A.2
- 3 Apply building codes, universal design guidelines, and regulations in space planning and arrangement of furniture and furnishings. FCS.HIF.1.D.A.3
- 4 Demonstrate graphic communication skills, such as CAD, PowerPoint, and sketching. FCS.HIF.1.D.A.4

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**E Analyze design and development of architecture, interiors, and furnishings through the ages.** FCS.HIF.1.E

Beginning (b)

- 1 Describe features of furnishings that are characteristic of various historical periods. FCS.HIF.1.E.B.1
- 2 Discuss trends in housing and interior design. FCS.HIF.1.E.B.2

Intermediate (i)

- 1 Explain societal and technological trends in periods of architecture and interior design through the ages. FCS.HIF.1.E.I.1
- 2 Compare and contrast historical architectural details to current housing and interior design trends. FCS.HIF.1.E.I.2

Advanced (a)

- 1 Illustrate the development of architectural styles throughout history. FCS.HIF.1.E.A.1
- 2 Predict future design and development trends in architecture, interiors, and furnishings. FCS.HIF.1.E.A.2

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**F Evaluate client's needs, goals, and resources in creating design plans for housing and residential and commercial interiors.** FCS.HIF.1.F

Beginning (b)

- 1 Assess financial resources needed to improve interior space. FCS.HIF.1.F.B.1
- 2 Discuss different plans that address client needs and resources. FCS.HIF.1.F.B.2

Intermediate (i)

- 1 Assess client's community, family, and financial resources needed to achieve housing and interior design goals. FCS.HIF.1.F.I.1
- 2 Critique design plans to address client needs, goals, and resources. FCS.HIF.1.F.I.2

Advanced (a)

- 1 Assess a variety of available resources for housing and interior design, such as evidence-based design, that account for human factors and issues of human behaviors. FCS.HIF.1.F.A.1
- 2 Justify design solutions relative to client needs, including diversity and cultural needs, and the design process. FCS.HIF.1.F.A.2

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**G Apply design knowledge, skills, processes, and theories and oral, written, and visual presentation skills to communicate design ideas. FCS.HIF.1.G**

Beginning (b)

- 1 Select appropriate studio tools. FCS.HIF.1.G.B.1
- 2 Identify needs for a housing presentation. FCS.HIF.1.G.B.2
- 3 Demonstrate fire safety procedures. FCS.HIF.1.G.B.3

Intermediate (i)

- 1 Prepare sketches, elevations, perspectives, and rendering using appropriate media. FCS.HIF.1.G.I.1
- 2 Prepare visual presentations, including legends, keys, and schedules. FCS.HIF.1.G.I.2
- 3 Identify building codes, universal guidelines, and regulations in space planning. FCS.HIF.1.G.I.3

Advanced (a)

- 1 Create floor plans using architectural drafting skills and computer-aided design software. FCS.HIF.1.G.A.1
- 2 Utilize a variety of presentation media, including drawings, photography, video, computer, and software for client presentations. FCS.HIF.1.G.A.2
- 3 Utilize applicable building codes and universal guidelines and regulations in space planning. FCS.HIF.1.G.A.3

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**H Analyze professional practices, procedures for business profitability and career success, and the role of ethics in the housing, interiors, and furnishings industries.** FCS.HIF.1.H

Beginning (b)

- 1 Recognize the importance of legislative regulations and public policies. FCS.HIF.1.H.B.1
- 2 Identify personal and employer responsibilities and liabilities. FCS.HIF.1.H.B.2
- 3 Describe how to report an accident. FCS.HIF.1.H.B.3
- 4 Identify cash transactions. FCS.HIF.1.H.B.4
- 5 Define design industries in the local community. FCS.HIF.1.H.B.5
- 6 Summarize how teamwork and collaboration can help in finding successful solutions to difficult problems. FCS.HIF.1.H.B.6

Intermediate (i)

- 1 Discuss legislation, regulation, and public policy affecting the housing, interiors, and furnishing industries. FCS.HIF.1.H.I.1
- 2 Analyze personal and employer responsibilities and liabilities regarding industry-related safety, security, and environmental factors. FCS.HIF.1.H.I.2
- 3 Discuss procedures for reporting and handling accidents, safety, and security incidents. FCS.HIF.1.H.I.3
- 4 Apply procedures for maintaining inventory control and loss prevention, including cash and credit transactions. FCS.HIF.1.H.I.4
- 5 Discuss the importance of design industries and their impact on the local community. FCS.HIF.1.H.I.5
- 6 Solve critical-thinking problems related to housing, interiors, and furnishings industries in groups using leadership and collaboration. FCS.HIF.1.H.I.6

Advanced (a)

- 1 Analyze legislation, regulations, and public policy affecting the housing, interiors, and furnishing industries. FCS.HIF.1.H.A.1
- 2 Describe security and inventory control strategies, laws, regulations, and worksite policies and procedures that affect loss prevention and profit. FCS.HIF.1.H.A.2
- 3 Demonstrate procedures for reporting and handling accidents, safety, and security incidents. FCS.HIF.1.H.A.3
- 4 Analyze operational costs such as markups, markdowns, cash flow, and other factors affecting profit. FCS.HIF.1.H.A.4
- 5 Demonstrate knowledge of the arts, of various resources, and of cultural impact upon design industries. FCS.HIF.1.H.A.5
- 6 Demonstrate knowledge of multidisciplinary collaboration and consensus-building skills needed in practice. FCS.HIF.1.H.A.6

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**I 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. [FCS.HIF.1.I](#)**

Beginning (b)

- 1 Explore housing, interior, and furnishings products that are created using recycled or redesigned items. [FCS.HIF.1.I.B.1](#)

Intermediate (i)

- 1 Design a product for the home by selecting a post-consumer item to repurpose into a new product. [FCS.HIF.1.I.I.1](#)

Advanced (a)

- 1 Demonstrate knowledge and skills to incorporate recycling and redesign principles. [FCS.HIF.1.I.A.1](#)