

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