

Interior Design I (2017)

Housing Industry 1

- 2 The student demonstrates effective decision-making skills related to housing needs throughout the life cycle. The student is expected to:** 1.2
- B** describe factors affecting housing choices; 1.2.B
 - C** describe the relationship between family housing and economics; 1.2.C
 - D** assess the impact of demographic trends on psychological, physiological, and social needs when making housing decisions; 1.2.D
 - E** analyze the impact of housing decisions on family relationships and the management of multiple family, community, and wage-earner roles; 1.2.E
 - F** analyze aspects of community planning that impact housing decisions; and 1.2.F
 - G** compare the availability, desirability, and financial feasibility of housing alternatives. 1.2.G
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- 7 The student evaluates factors influencing the housing industry. The student is expected to:** 1.7
- A** research and describe the interrelationship of the housing industry with the economy 1.7.A

Introduction to Architecture and Construction 2

- 2 The student demonstrates effective decision-making skills related to housing needs throughout the life cycle. The student is expected to:** 2.2
- A** determine housing characteristics common to various world cultures and regions such as roof styles and materials, foundation types, and construction materials; 2.2.A
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- 6 The student considers factors affecting housing construction when making plans and consumer decisions related to housing. The student is expected to:** 2.6
- A** identify architectural styles and architectural features exemplified in housing; 2.6.A
 - B** summarize considerations for housing site selection; 2.6.B
 - C** evaluate basic housing construction and finishing considerations; and 2.6.C
 - D** research and describe the effects of technology on current and future housing trends. 2.6.D
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- 7 The student evaluates factors influencing the housing industry. The student is expected to:** 2.7
- B** determine sources and availability of construction materials. 2.7.B

8 The student assesses environmental issues affecting housing. The student is expected to: 2.8

- A evaluate the effects of landscaping on housing and the environment; and 2.8.A
 - N determine techniques, materials, and technological applications that can be used in housing to conserve energy and other resources and promote sustainability. 2.8.B
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Consumer Skills for Housing Needs 3

3 The student demonstrates effective management practices related to the housing budget. The student is expected to: 3.3

- A research consumer rights and responsibilities associated with housing; 3.3.A
 - B contrast the impact of needs and wants on the costs of housing; 3.3.B
 - C analyze legal and financial aspects of purchasing, leasing, and renting housing; and 3.3.C
 - D summarize laws and public policies that impact housing decisions and costs. 3.3.D
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Safe, Secure, and Well-Maintained Home 4

4 The student recommends practices that will create a safe, secure, and well-maintained home. The student is expected to: 4.4

- A research the effect of housing conditions on health, safety, and the environment; 4.4.A
 - B develop a plan for detecting safety hazards and maintaining a safe home; and 4.4.B
 - C research and describe housing features for individuals with special needs. 4.4.C
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Design Elements and Principles 5

5 The student proposes methods to create quality living environments. The student is expected to: 5.5

- A apply elements and principles of design to living environments; 5.5.A
 - B apply principles of space utilization, zoning, and traffic patterns in planning and furnishing housing; and 5.5.B
 - C propose design and furnishings features to meet the special needs of individuals and families. 5.5.C
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9 The student uses effective design practices to evaluate residential and nonresidential interiors. The student is expected to: 5.9

- A apply elements and principles of design to interiors; 5.9.A
- B plan for effective use of space zones and placement of furnishings; 5.9.B
- C apply drafting techniques, including scaled drawings that facilitate space planning and technological applications; 5.9.C
- D determine the effect of technological applications on interior design practices; 5.9.D

- E differentiate design practices to meet individual, business, and special needs; 5.9.E
 - F research energy conservation and sustainability practices that affect interior design; and 5.9.F
 - G summarize laws, public policies, and regulations impacting interior environments. 5.9.G
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Decision Making Principles 6

12 The student demonstrates effective decision-making skills in applying principles of design and space to residential and nonresidential interior environments. The student is expected to: 6.12

- A examine the relationship of interior decisions to individual and family needs and wants; 6.12.A
 - B examine the influences of demographics, society, and culture on interior design decisions; 6.12.B
 - C explain the relationship of local and global economics to interior environments; 6.12.C
 - D propose strategies for controlling costs and allocating resources; and 6.12.D
 - E budget for acquisition of products to enhance interior environments. 6.12.E
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Lighting 7

10 The student determines appropriate lighting for residential and nonresidential interiors. The student is expected to: 7.10

- A analyze the functions and principles of lighting; 7.10.A
 - B compare lighting types and methods of control; and 7.10.B
 - C recommend lighting applications for specific interior needs, including safety, conservation, and sustainability. 7.10.C
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Background Materials 8

11 The student chooses appropriate background materials to complement various residential and nonresidential interior settings. The student is expected to: 8.11

- A compare criteria for selection, use, and care of floor coverings; 8.11.A
 - B evaluate selection, use, and care of wall treatments; 8.11.B
 - C evaluate selection and care of ceilings; and 8.11.C
 - D evaluate selection, use, and care of window treatments and their suitability for various window types. 8.11.D
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Furniture 9

13 The student evaluates the role of furniture in interior design for residential and nonresidential settings. The student is expected to: 9.13

- A distinguish between various characteristics of period styles throughout history; 9.13.A
- B determine the influence of period styles on interior design throughout history; 9.13.B

- C summarize selection and care of quality furniture; 9.13.C
 - D assess aesthetic and functional aspects of furniture, including ergonomics and special needs requirements; and 9.13.D
 - E research and describe the impact of technology on furniture, including current trends. 9.13.E
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Appliances 10

14 The student determines the role of appliances in interior design for residential and nonresidential settings. The student is expected to: 10.14

- A analyze the functional and aesthetic aspects of appliances; 10.14.A
 - B determine the process for selection of appliances, including consideration of special needs; 10.14.B
 - C research and explain the safe use and care of appliances, including current trends; and 10.14.C
 - D research technological advancements in appliances. 10.14.D
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Accessories 11

15 The student evaluates the role of accessories in interior design for residential and nonresidential settings. The student is expected to: 11.15

- A identify types of accessories, including eco-friendly accessories; 11.15.A
 - B describe criteria for selection of accessories; 11.15.B
 - C analyze care of accessories; 11.15.C
 - D demonstrate a knowledge of arranging accessories; and 11.15.D
 - E research eco-friendly options for accessories. 11.15.E
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Interior Design Planning 12

16 The student applies the concepts and skills of the industry to simulated work situations. The student is expected to: 12.16

- A customize screen menus to fit specific problems or needs; 12.16.A
 - B construct points, lines, and other geometric forms using accepted computer-aided design methods; 12.16.B
 - C create a freehand, simple one-point perspective; 12.16.C
 - D use applications to create a bill of materials, including budgeting considerations; 12.16.D
 - E use technological applications to create and modify architectural interior drawings; and 12.16.E
 - F print and plot architectural interior drawings for presentation. 12.16.F
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Interior Design Project 13

19 The student applies the concepts and skills of the profession to simulated or actual work situations. The student is expected to: 13.19

- A use problem-solving skills to analyze a situation and to identify a problem to be solved; 13.19.A

- B break a complex problem into component parts that can be analyzed and solved separately; 13.19.B
- C strive for accuracy and precision; 13.19.C
- D work independently; 13.19.D
- E work collaboratively; 13.19.E
- F research an interior design project; 13.19.F
- G design and present an effective interior design product; and 13.19.G
- H present a final interior design product for critique that demonstrates clear and effective communication. 13.19.H

Interior Design Portfolio 14

17 The student creates a professional portfolio featuring original projects using a variety of media. The student is expected to: 14.17

- A illustrate ideas for interior design from direct observation, experiences, and imagination; 14.17.A
- B compare and contrast the use of interior design elements and principles in personal design plans and design plans of others using industry terminology; 14.17.B
- C create visual solutions by elaborating on direct observation, experience, and imagination; 14.17.C
- D create designs for practical applications; and 14.17.D
- E demonstrate effective use of interior design media and tools in designing, drawing, painting, printmaking, and sculpture making such as model building. 14.17.E

Career Development 15

18 The student maintains a professional portfolio to document knowledge, skills, and abilities. The student is expected to: 15.18

- A select educational and work history highlights to create a personal resume; 15.18.A
- B develop a resume using word processing technology; 15.18.B
- C contact professional references to acquire recommendations; 15.18.C
- D obtain appropriate letters of recommendation; and 15.18.D
- E document and maintain a record of work experiences, licenses, certifications, credentials, and education and training to build a portfolio. 15.18.E

Employability Skills 16

1 The student demonstrates professional standards/employability skills as required by business and industry. The student is expected to: 16.1

- A apply oral and written communication skills clearly, concisely, convincingly, and effectively to explain and justify actions in a socially acceptable manner that is easily understood by others; 16.1.A
- B solve problems using job-appropriate mathematical skills; 16.1.B

- C demonstrate an understanding of leadership skills; 16.1.C
- D cooperate, contribute, and collaborate as a member of a group; 16.1.D
- E exhibit professionalism through dress, speech, and manners that are appropriate to the profession and worksite; 16.1.E
- F review accurately both quantitative and qualitative work processes and end products; 16.1.F
- G follow written and oral instructions and adhere to established practices, policies, and procedures, including health and safety rules; and 16.1.G
- H use and apply task- and job-appropriate computer applications such as printing and plotting elevations, floor plans, and additional presentation documents or illustrations. 16.1.H