

Housing, Interiors, and Furnishings

Examine housing needs and choices for individuals and families 1

1.1 ANALYZE UNIVERSAL HOUSING NEEDS 1.1

- 1.1.1 Describe how housing satisfies basic physical and psychological needs 1.1.1
 - 1.1.2 Examine different housing needs throughout the life span 1.1.2
 - 1.1.3 Explain the affects of housing on quality of life 1.1.3
 - 1.1.4 Analyze the impact of housing needs and wants 1.1.4
 - 1.1.5 Describe the ways housing reflects cultural views and values 1.1.5
-

1.2 EXPLORE FACTORS INFLUENCING HOUSING DECISIONS 1.2

- 1.2.1 Identify social trends affecting housing decisions 1.2.1
 - 1.2.2 Identify governmental influences on housing decisions 1.2.2
 - 1.2.3 Explore various types of available housing 1.2.3
 - 1.2.4 Explore housing options in relation to resources 1.2.4
-

1.3 EXPLORE FACTORS TO CONSIDER WHEN CHOOSING A LOCATION 1.3

- 1.3.1 Investigate housing options in various regions 1.3.1
 - 1.3.2 Compare and contrast types of community environments 1.3.2
 - 1.3.3 Analyze factors to consider when selecting a neighborhood 1.3.3
 - 1.3.4 Evaluate the importance of available public services 1.3.4
 - 1.3.5 Identify special needs to consider when choosing housing 1.3.5
-

1.4 DESCRIBE METHODS OF HOUSING ACQUISITION 1.4

- 1.4.1 Compare the advantages and disadvantages of renting and home ownership 1.4.1
- 1.4.2 Assess different types of home ownership 1.4.2
- 1.4.3 Describe financial guidelines to determine a realistic housing budget 1.4.3
- 1.4.4 Identify different types of housing programs 1.4.4

1.5 ANALYZE FACTORS INVOLVED IN RENTING 1.5

- 1.5.1 Identify factors to consider when assessing rental requirements 1.5.1
- 1.5.2 Analyze costs involved in renting 1.5.2
- 1.5.3 Explore sources about available rentals 1.5.3
- 1.5.4 Develop guidelines for evaluating rental units 1.5.4
- 1.5.5 Analyze the features and conditions of rental agreements 1.5.5
- 1.5.6 Explain the roles and responsibilities of tenant and landlord 1.5.6

1.6 ANALYZE FACTORS INVOLVED IN BUYING 1.6

- 1.6.1 Identify factors to consider when assessing home purchase requirements 1.6.1
- 1.6.2 Examine guidelines for determining a realistic price range for a home 1.6.2
- 1.6.3 Research purchasing trends 1.6.3
- 1.6.4 Evaluate the advantages and disadvantages of new and existing homes 1.6.4
- 1.6.5 Identify conditions that affect the resale value of a home 1.6.5
- 1.6.6 Compare and contrast various ways to finance the purchase of a home 1.6.6
- 1.6.7 Describe the steps in the home-buying process 1.6.7

Analyze components of housing design and construction 2.0

2.1 ANALYZE INFLUENCES ON ARCHITECTURE 2.1

- 2.1.1 Examine architectural characteristics of housing exteriors 2.1.1
- 2.1.3 Explore trends in housing styles 2.1.3
- 2.1.2 Explore the history of housing styles 2.1.2

2.2 EVALUATE HOUSE AND FLOOR PLAN 2.2

- 2.2.5 Explore the use of CAD in housing design 2.2.5
- 2.2.4 Identify ways to modify housing through the lifespan 2.2.4
- 2.2.3 Evaluate storage needs and space 2.2.3
- 2.2.2 Examine how rooms are grouped according to function and circulation 2.2.2
- 2.2.1 Identify floor plan symbols 2.2.1

2.3 DEMONSTRATE FLOOR PLANNING TECHNIQUES 2.3

- 2.3.2 Draw a floor plan for zoning, traffic patterns, circulation, storage, adequacy, placement of doors, windows, appliances and energy efficiency 2.3.2
- 2.3.1 Draw interior space to scale using architectural symbols and drafting skills 2.3.1

2.4 EXPLORE HOUSING CONSTRUCTION TECHNIQUES 2.4

- 2.4.5 Distinguish between different types of doors 2.4.5
 - 2.4.4 Evaluate types of windows used in houses 2.4.4
 - 2.4.3 Compare and contrast types of materials used for exterior construction 2.4.3
 - 2.4.2 Identify the components of the foundation and frame of a house 2.4.2
 - 2.4.1 Evaluate various structural components used in houses 2.4.1
-

2.5 DESCRIBE SYSTEMS WITHIN A HOUSE 2.5

- 2.5.5 Explore home related technology systems 2.5.5
 - 2.5.4 Explain ways to conserve energy, water, and other resources 2.5.4
 - 2.5.3 Describe types of heating and cooling systems 2.5.3
 - 2.5.2 Explain a plumbing system according to basic guidelines 2.5.2
 - 2.5.1 Describe components and safety features of electrical systems 2.5.1
-

Analyze components of interior space and planning 3.0

3.1 EXAMINE THE ELEMENTS OF DESIGN 3.1

- 3.1.8 Create color harmony 3.1.8
 - 3.1.7 Describe the relationships between colors on the color wheel 3.1.7
 - 3.1.6 Explain the use of color 3.1.6
 - 3.1.5 Describe tactile texture and visual texture 3.1.5
 - 3.1.4 Identify high mass and low mass 3.1.4
 - 3.1.3 Explain how space is used in design 3.1.3
 - 3.1.2 Discuss the different types of form 3.1.2
 - 3.1.1 Describe the use of different types of line 3.1.1
-

3.2 EXAMINE THE PRINCIPLES OF DESIGN 3.2

- 3.2.6 Identify examples of sensory design 3.2.6
- 3.2.5 Describe the goals of design 3.2.5
- 3.2.4 Explore the different types of rhythm 3.2.4
- 3.2.3 Explain how emphasis creates a focal point 3.2.3
- 3.2.2 Describe formal and informal balance 3.2.2
- 3.2.1 Describe the relationship of objects to proportion and scale 3.2.1

3.3 ASSESS THE USE OF TEXTILES IN THE HOME 3.3

- 3.3.8 Explain the benefits of textile laws 3.3.8
- 3.3.7 Evaluate various types of fibers and textiles for energy efficient properties 3.3.7
- 3.3.6 Select appropriate care methods for various fibers 3.3.6
- 3.3.5 Evaluate the appropriateness of textiles for various household uses 3.3.5
- 3.3.4 Identify various types of fabric finishes and their affects on the fabric performance 3.3.4
- 3.3.3 Specify the difference between structural and applied designs 3.3.3
- 3.3.2 Describe the fabric construction processes 3.3.2
- 3.3.1 Distinguish between natural and manufactured fibers based on characteristics 3.3.1

3.4 EXAMINE INTERIOR BACKGROUNDS IN DESIGN PLANNING 3.4

- 3.4.5 Explore various types of window treatments 3.4.5
- 3.4.4 Explain how ceiling treatments serve as interior backgrounds 3.4.4
- 3.4.3 Describe wall material and treatments 3.4.3
- 3.4.2 Analyze floor treatments 3.4.2
- 3.4.1 Define the use of the room 3.4.1

3.5 ANALYZE FURNITURE STYLES, CONSTRUCTION, AND SELECTION 3.5

- 3.5.6 Compare sources for furniture purchases 3.5.6
- 3.5.5 Explore financial aspects of furniture acquisition 3.5.5
- 3.5.4 Explain guidelines for selection and care of furniture 3.5.4
- 3.5.3 Explain consumer protection of home furnishings purchases 3.5.3
- 3.5.2 Evaluate furniture construction 3.5.2
- 3.5.1 Examine influences on furniture design 3.5.1

3.6 DEVELOP SKILLS TO ARRANGE FURNISHINGS 3.6

- 3.6.3 Practice furniture arrangements 3.6.3
- 3.6.2 Identify factors to consider when arranging furniture 3.6.2
- 3.6.1 Explore techniques used to arrange furniture to scale 3.6.1

3.7 EXPLORE LIGHTING AND ACCESSORIES IN DESIGN PLANNING 3.7

- 3.7.4 Examine guidelines for using accessories 3.7.4
- 3.7.3 Identify types and functions of accessories 3.7.3
- 3.7.2 Plan residential lighting for visual comfort, safety, beauty and use 3.7.2
- 3.7.1 Examine available lighting options 3.7.1

3.8 EXAMINE HOUSEHOLD EQUIPMENT, APPLIANCES, AND TECHNOLOGY 3.8

- 3.8.3 Explore appliance and equipment technology 3.8.3
 - 3.8.2 Describe styles and features of various appliances 3.8.2
 - 3.8.1 Identify factors to consider when selecting household appliances 3.8.1
 - 3.8.4 Examine equipment purchasing and warranty 3.8.4
-

Analyze the components of a safe and attractive environment 4.0

4.1 EXPLORE METHODS OF PLANNING OUTDOOR LIVING SPACE 4.1

- 4.1.2 Identify natural and manufactured landscaping resources 4.1.2
 - 4.1.1 Explore goals and needs of landscaping 4.1.1
 - 4.1.4 Identify conservation measures for landscaping 4.1.4
 - 4.1.3 Determine landscape zones 4.1.3
 - 4.1.5 Design an outdoor living space 4.1.5
 - 4.1.6 Select furnishings for outdoor living 4.1.6
-

4.2 IDENTIFY METHODS OF CREATING A SAFE AND SECURE LIVING ENVIRONMENT 4.2

- 4.2.1 Identify the types and causes of home accidents 4.2.1
 - 4.2.2 Explore ways to make the home safety and security 4.2.2
 - 4.2.3 Adapt housing design for individuals with special needs 4.2.3
 - 4.2.5 Explain home security systems 4.2.5
 - 4.2.6 Research environment and health related home issues 4.2.6
-

4.3 EXPLORE HOME IMPROVEMENT AND MAINTENANCE TECHNIQUES 4.3

- 4.3.1 Evaluate cleaning tools and products 4.3.1
 - 4.3.2 Develop a schedule for house cleaning and yard up keep 4.3.2
 - 4.3.3 Demonstrate use of basic tools for home repairs 4.3.3
 - 4.3.4 Research estimated house components and replacement cost of appliances 4.3.4
 - 4.3.5 Identify ways to improve storage and organize space 4.3.5
 - 4.3.6 Explore redecorating options 4.3.6
 - 4.3.7 Examine the advantages of remodeling 4.3.7
 - 4.3.8 Identify resources for home care, maintenance, and improvements 4.3.8
-

Analyze career paths within the housing, interiors, and furnishings industry 5.0

5.1 EXPLORE CAREER OPPORTUNITIES IN PLANNING AND DESIGN 5.1

- 5.1.1 Survey career opportunities related to community housing and building trades 5.1.1
 - 5.1.2 Explain job skills, required education, and personal qualifications for each career 5.1.2
 - 5.1.3 Identify resources for career information 5.1.3
-

5.2 EXPLORE CAREERS IN ALLIED OCCUPATIONS 5.2

- 5.2.1 Describe career opportunities in government, real estate, and materials and furnishings sales 5.2.1
 - 5.2.2 Explain required educational job skills and personal qualifications 5.2.2
 - 5.2.3 Identify resources for career information 5.2.3
-

Demonstrate housing design and presentation skills 6.0

6.1 EVALUATE CLIENT'S NEEDS, GOALS, AND RESOURCES IN CREATING DESIGN PLANS FOR HOUSING, INTERIORS AND FURNISHINGS 6.1

- 6.1.1 Explore client's goals for the housing environment 6.1.1
 - 6.1.2 Determine client's budget and preferences 6.1.2
 - 6.1.3 Examine personal needs and wants of the client 6.1.3
-

6.2 DEVELOP DESIGN AND PRESENTATION SKILLS 6.2

- 6.2.1 Demonstrate the use of design software 6.2.1
 - 6.2.2 Develop skills in reading blueprints 6.2.2
 - 6.2.3 Practice space planning techniques 6.2.3
 - 6.2.4 Demonstrate a drawing to scale 6.2.4
-

6.3 DEMONSTRATE DESIGN IDEAS THROUGH VISUAL PRESENTATIONS 6.3

- 6.3.1 Examine how presentation methods can help design professionals communicate ideas 6.3.1
- 6.3.2 Identify materials and methods used for visual presentations 6.3.2
- 6.3.3 Prepare a professional presentation to help a client visualize a finished project 6.3.3
- 6.3.4 Utilize a variety of presentation medias for client presentation 6.3.4