

INTERIOR DESIGN

- 20.44100 Introduction to Interior Design**
- 20.44200 Interior Design Fundamentals**
- 20.44300 Furniture, Accessories and Lighting**
- 20.44400 Walls, Windows, and Floor Covering**
- 20.44500 Classroom Studio**

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CORE EMPLOYABILITY SKILLS

BASIC SKILLS

1. Locates, understands, and interprets written information in a variety of formats, including such documents as manuals, graphs, reports, and schedules.
2. Communicates thoughts, ideas, information, and messages in writing and technologically, and creates documents such as letters, directions, manuals, reports, graphs, and flowcharts.
3. Performs and applies numerical concepts and calculations, and solves problems by choosing appropriately from a variety of mathematical techniques using mental, manual, and technological methods.
4. Receives, interprets, and responds to verbal and nonverbal messages in a manner appropriate to a given situation.
5. Organizes ideas and communicates orally in a clear, concise, and courteous manner.

THINKING SKILLS

6. Specifies goals, objectives, constraints, and supporting factors.
7. Identifies problems, alternative solutions, consequences of alternative solutions, and uses appropriate techniques to resolve given problems.
8. Implements a plan of action making modifications as needed to achieve stated objectives.
9. Uses effective learning techniques to acquire and apply new knowledge and skills.

PERSONAL QUALITIES

10. Assesses self accurately, sets personal goals, monitors progress, and exhibits self-control.
11. Chooses ethical courses of action.
12. Takes initiative to accomplish tasks in a timely manner.
13. Exerts a high level of effort and perseveres towards goal attainment.
14. Demonstrates adaptability, dependability, and responsibility and such social behaviors as tolerance, honesty, empathy, and courtesy.

INTERPERSONAL SKILLS

15. Participates and interacts as a team member and leader.
16. Shares knowledge and skills with others.
17. Performs effectively in various environments with people of different ages, genders, cultures, socio-economic backgrounds, attitudes, and abilities.

18. Works to satisfy customer/client expectations.
19. Uses strategies appropriate to a given situation to prevent and resolve conflicts.

RESOURCES

20. Selects goal-relevant activities, prioritizes them, manages time, and prepares and follows schedules.
21. Uses or prepares budgets, makes projections, keeps records, and makes adjustments to meet objectives.
22. Acquires, stores, allocates, and uses materials and space efficiently.

TECHNOLOGY

23. Prevents, identifies, or solves problems with technical or electronic equipment.
24. Operates and maintains technical equipment and the work environment safely following applicable industry regulations and guidelines.
25. Utilizes a variety of technologies.

BUSINESS ASPECTS

26. Demonstrates understanding of basic economic concepts and how they are applied in business functions and activities.
27. Identifies forms of business ownership.
28. Demonstrates understanding of the scope of a business, its place within an industry, and the interrelationship of its parts.
29. Demonstrates understanding of the individual's role, responsibilities, and relationships in the organizational structure of a business.
30. Maintains safety, health, and environmental standards, and addresses ergonomic concerns.

CAREER DEVELOPMENT

31. Makes potential career decisions based upon interests, abilities, and values and formulates appropriate plans to reach career goals.
32. Demonstrates understanding of the relationship between educational achievement and career planning and how career choices impact family patterns and lifestyle.
33. Demonstrates effective skills for seeking and securing employment.
34. Demonstrates understanding of education and career development as a lifelong learning process which requires preparation for change.

20.44100 INTRODUCTION TO INTERIOR DESIGN

COURSE DESCRIPTION: Interior Design includes classroom instruction and laboratory experience. It is designed to prepare students to understand the influences affecting the interior design industry today, and to become aware of the array of career opportunities in the field. Areas of study include: world of interior design; social, psychological and economic influences; trends and issues; elements of design; and interior design principles. Competencies for the co-curricular student organization Family, Career and Community Leaders of America (FCCLA) are integral components of both the core employability skills standards and the technical skills standards, and FCCLA activities should be incorporated throughout instructional strategies developed for the course.

WORLD OF INTERIOR DESIGN

35. Describe the scope of the interior design industry today in the United States and abroad.
36. Differentiate between the roles of the interior designer and interior decorator, their preparation, training, and talents.
37. Identify types of careers found in the field of commercial interior design and outline the career qualifications of those careers.
38. Identify types of careers found in the field of residential interior design and outline the career qualifications of those careers.
39. Outline alternative career ladders in the interior design field.

SOCIAL, PSYCHOLOGICAL AND ECONOMIC INFLUENCES

40. Describe the impact of the interior design industry on the state and national economy.
41. Describe how the economic and demographic profile of a client influences the approach an interior designer will take with a client.
42. Describe the impact that economic needs have on a client's decisions when using an interior designer.
43. Explain the importance of location, climate, and cost in the field of interior design.
44. Describe the different types of services an interior designer can offer to a residential client and to a commercial client.

TRENDS AND ISSUES

45. Identify and describe current trends in the interior design industry.
46. Describe the impact of technology on interior design.
47. Describe how energy conservation impacts interior design.
48. Identify the methods and materials used to increase energy efficiency.
49. Describe the impact of special environmental issues (climate, populations, culture, public services, etc.) on interior design.

ELEMENTS OF DESIGN

50. Identify basic structural and decorative designs.
51. Identify and sketch examples of line (horizontal and vertical, curved and diagonal).
52. Identify and explain the difference between shape and form.
53. Identify and explain the use of space. (negative and positive)
54. Identify pattern illustrations and explain the use of pattern, i.e. naturalistic, realistic, conventional, stylized, geometric, and abstract.
55. Present examples of the elements of design and explain each concept in writing.

INTERIOR DESIGN PRINCIPLES

56. Sketch, using freehand or a computer program, a drawing of a room that applies the principle of balance.
57. Sketch, using freehand or a computer program, a drawing of a room that applies the principle of proportion.
58. Sketch, using freehand or a computer program, a drawing of a room that applies the principle of scale.
59. Describe the impact of emphasis (focal point) on interior design.
60. Sketch, using freehand or a computer program, a drawing of a room that applies the principle of emphasis.
61. Sketch, using freehand or a computer program, a drawing of a room that applies the principles of rhythm.
62. Sketch, using freehand or a computer program, a design that illustrates symmetrical/formal, asymmetrical/informal and radial balance.
63. Describe how harmony is achieved when unity and variety are effectively combined.
64. Construct a scale model of a room identifying all of the interior design principles.
65. Identify the elements and principles of design from illustrations as they relate to interior design.
66. Describe how the appropriateness of the design relates to interior design.
67. Describe the impact of unity on interior design.

20.44200 INTERIOR DESIGN FUNDAMENTALS

PREREQUIRETE: 20.44100 Introduction to Interior Design

COURSE DESCRIPTION: This course includes classroom instruction and hands-on laboratory performance of the fundamentals of design as applied to room composition. Areas of study include space and traffic patterns, color theory, drawing for interior design, and blueprint reading. Competencies for the co-curricular student organization Family, Career and Community Leaders of America (FCCLA) are integral components of both the core employability skills standards and the technical skills standards, and FCCLA activities should be incorporated throughout instructional strategies developed for the course.

SPACE AND TRAFFIC PATTERNS

35. Describe the elements of a floor plan.
36. Discuss the importance and uses of perspective sketches.
37. Outline alternative perspective sketches for identified areas/rooms.
38. Apply space-planning techniques to architectural changes in traffic patterns.
39. Identify the general areas of a typical residence, and describe the desired characteristics of each area.
40. Identify basic furniture and equipment requirements for basic room types and traffic patterns.
41. Identify the advantages and disadvantages of a variety of room layout arrangements and floor plans.
42. Incorporate a variety of room layout arrangements and floor plans into a personally designed floor plan.
43. Create aesthetically pleasing designs incorporating the principles and elements of designs, using an evaluation rubric.
44. Describe the space requirements for each basic room type and for the concept of “planning for people.”
45. Describe the process and limitations of making architectural feature changes in the design process and working around existing constraints.

COLOR THEORY

46. Identify and explain the use of color.
47. Create a color wheel.
48. Create or show the use of tints, tones, and shades.
49. Identify and explain the terms: hue, primary, secondary, tertiary/intermediate, neutral, warm, cool, tints, shades, intensity, and tones.
50. Identify and create visual examples of major color schemes: monochromatic, analogous/adjacent, neutral/achromatic, accented neutral, complementary, split complementary and triad.
51. Identify pattern illustrations and explain the use of pattern (naturalistic, realistic, conventional, stylized, geometric, abstract).
52. Describe the function of light in the perception of color.

53. Identify the basic color vocabulary.
54. Identify how the human eye perceives color.
55. Discuss the psychological effects of color.
56. Analyze the relationship of color to all elements of design
57. Demonstrate the use of color combinations and interactions through a variety of projects.
58. Describe the use of systematic frameworks for explaining the similarities and differences among colors.
59. Identify and explain the use of color.
60. Create or show the use of tints, tones, and shades.
61. Identify and explain the terms: hue, primary, secondary, tertiary/intermediate, neutral, warm, cool, tints, shades, intensity, and tones.
62. Identify and create visual examples of major color schemes: monochromatic, analogous/adjacent, neutral/achromatic, accented neutral, complement, split-complementary and triad.

DRAWING FOR INTERIOR DESIGN

63. Describe and identify architectural blueprint symbols, dimensions, and practices.
64. Identify basic drafting tools.
65. Identify basic lines and symbols used in drafting with emphasis on architectural drawing.
66. Identify the purpose and function of the multiview drawing.
67. Describe the differences between third-angle and first-angle projection.
68. State the importance of the selection and placement of views.
69. Describe the differences between lines and surfaces.
70. Explain the precedence of lines concept.
71. Identify the recommended steps in producing a multiview drawing.
72. Describe the six most widely used lines from the alphabet of lines.
73. Describe the most frequently utilized dimensioning systems.
74. Recognize abbreviations for commonly used terms.
75. Recognize symbols for various furnishing and equipment.
76. Recognize symbols for various electrical components.
77. Recognize symbols for various mechanical components (e.g., plumbing).
78. Identify the recommended steps in producing a floor and space plan.
79. Describe how to incorporate clientele needs and wants into the plan.
80. Identify, lighting and mechanical needs of floors and space plans for specific rooms.
81. Identify and describe examples for modifying interior designs to accommodate the needs of wheelchairs, walkers, handrails and other special needs of handicapped people.
82. Describe the roles of a design consultant, an architect, and an engineering consultant in working with different contract documents.

BLUEPRINT READING

83. Identify and interpret drawings.
84. Identify and interpret cover sheets.
85. Identify and interpret floor plans.
86. Identify and interpret elevations.
87. Identify and interpret wall sections.
88. Identify and interpret building sections.
89. Identify and interpret reflected ceiling plans.
90. Identify and interpret finish schedules.
91. Identify and interpret door schedules.
92. Identify and interpret roof plans.
93. Identify and interpret details.

20.44300 FURNITURE, ACCESSORIES, AND LIGHTING

PREREQUITE: 20.44200 Interior Design Fundamentals

COURSE DESCRIPTION: This course includes classroom instruction and hands-on laboratory performance with emphasis on the fundamentals of furniture, accessories, and lighting. Topics include: historical design development; antiques, collectibles, and reproduction identification; furniture styles; selection of quality furniture; upholstery materials and methods; and decorator lighting. Competencies for the co-curricular student organization Family, Career and Community Leaders of America (FCCLA) are integral components of both the core employability skills standards and the technical skills standards, and FCCLA activities should be incorporated throughout instructional strategies developed for the course.

HISTORICAL DESIGN DEVELOPMENT

35. List the design periods in chronological order.
36. Describe the ideas and constraints that identify the unifying theme of a design period.
37. Identify the locations and designers that were key to the development of a design period.
38. Contrast the changes and similarities of subsequent design periods taking note of how often designers borrow from the past and change or eliminate disagreeable precedents.

ANTIQUES, COLLECTIBLES, AND REPRODUCTION IDENTIFICATION

39. Describe the factors that define a quality piece of antique furniture.
40. Compare types of woods and finishes used in antique furniture construction including care requirements.
41. Select antique furniture according to function, design, and client specifications.
42. Critique various types of period furniture.
43. Identify furniture and accessory samples in the correct design period.
44. Compare the value of antiques based on, originality, materials and condition.

FURNITURE STYLES

45. Identify the common characteristics of the following furniture styles: Jacobean, William and Mary, Queen Anne, Chippendale, Sheraton, Hepplewhite, Duncan Phyfe, Shaker, Victorian, and modern/contemporary.
46. Describe and sketch, using freehand or a computer program, illustrations of cabriole, splayed, and tapered furniture legs.
47. Describe and sketch, using freehand or a computer program, illustrations of pad, bun, claw-and-ball, and bracket furniture feet.
48. Describe and identify illustrations of lyre, ladder (slat), fiddle(slat) and shield furniture chair backs.

49. Describe and identify illustrations of furniture decorative features, including finial, motif, pediment, reeding, and turning features.
50. Describe and identify illustrations of examples of Windsor, sling, side, arm, and ladderback chairs.
51. Describe and identify examples of gate-leg and pedestal tables.
52. Describe and identify upholstered furniture, including camelback, Lawson, tuxedo, and ottoman.
53. Describe and identify case goods, including buffets, high boys, hutches, secretaries, and wardrobes/armoires.

SELECTION OF QUALITY FURNITURE

54. Describe types and characteristics of hardwoods and soft woods used in quality furniture construction.
55. Describe and identify the construction techniques used in quality furniture.
56. Describe and identify types of joints used in furniture construction, including butt, corner block, dove-tail, dowel, mortis and tenon, and tongue and groove.
57. Identify the various finishes used on case goods.
58. Explain the use of veneers in the construction of furniture.
59. Identify criteria that should be used in the selection of quality furniture.

UPHOLSTERY MATERIALS & METHODS

60. Compare and contrast the man-made fibers of polyester, metal, and synthetic plastic with the natural materials of cotton, wood, and leather.
61. Describe and identify basic weaves and finishes, including plain, twill, satin, and Jacquard, and describe the purpose of the finish.
62. Describe the care of textiles used in furniture.
63. Discuss and identify basic dye methods and how they might affect durability, including yarn dyed, printing, piece dyed, and solution dyed.
64. Describe construction techniques used in upholstered furniture.
65. Explain how fabric should fit the style, wood, and character of the room.
66. Describe the difference between flat and coil springs.
67. Identify examples of construction considerations that should be made in regards to seams, selts, cording, patterns, zippers, padding, and thread-count when used in upholstered furniture.

ACCESSORIES

68. Identify and describe different types of accessories that could be used for a selected home or office function.
69. Select accessories for specific areas using the elements and principles of design that reflect client specifications.

DECORATOR LIGHTING

70. Describe how a room design is impacted by natural light, artificial light, types of window treatments, and orientation to sunlight.
71. Describe and identify types and usage of artificial light, including incandescent, fluorescent, and halogen.
72. Describe and identify ceiling, cove, portable, recessed, strip, track, and wall lighting fixtures.
73. Select appropriate lighting to meet client specifications.

20.44400 WALLS, WINDOWS, AND FLOOR COVERING

PREREQUITE: 20.44200 Interior Design Fundamentals

COURSE DESCRIPTION: This course includes classroom instruction and laboratory experience to develop the basic knowledge and skills needed in the areas of wall treatments, window treatments, floor coverings, and architectural finishes and treatments. Competencies for the co-curricular student organization Family, Career and Community Leaders of America (FCCLA) are integral components of both the core employability skills standards and the technical skills standards, and FCCLA activities should be incorporated throughout instructional strategies developed for the course.

WALL TREATMENTS

35. Identify and describe characteristics of different types of wall treatments.
36. Describe and identify the various types of molding (i.e. chair rail, crown, and base).
37. Describe the types of wallpaper and appropriate terminology (i.e. prepasted, strippable, scrubbable, single/double roll, pattern repeats, run number border).
38. Develop criteria for the selection of wall treatments, including considerations of color, texture, type, style, pattern, client's life style, energy conservation, and environmental safety.
39. Identify and select wall treatments, using developed criteria.
40. Measure and calculate materials required for a wall treatment application.

WINDOW TREATMENTS

41. Describe the function and purpose of window treatments.
42. Describe window treatment considerations, including the direction of the window, shape of the window, purpose of the window, style of the room, cost, maintenance, and energy efficiency.
43. Identify factors that lead to window treatments selection.
44. Identify types of window treatments, including curtains, drapes, shades/blinds/shutters, cornices, valances, and swags.
45. Categorize window treatments as drapery or nondrapery.
46. Describe the characteristics of draperies and their headings.
47. Identify and describe the characteristics of fabrics used for window treatments.
48. Recognize the different types and uses of appropriate hardware for window treatments.
49. Describe how to install basic drapery hardware.
50. Identify and describe in writing window treatments styles.
51. Design a window treatment for a lab project and apply decorative trims such as beads, bias cording, tassels, and fringe and using visual arts principles.

FLOOR COVERINGS

52. Identify and describe the characteristics of different types of floor covering.
53. Develop criteria for the selection of floor coverings, including considerations of color, texture, type, style, pattern, client's life-style, energy conservation, and environmental safety using multiple resources.
54. Compare and evaluate the types, qualities, cost calculation and selection of carpeting and padding materials available for use in today's interior finish market.
55. Identify and select for a design project floor covering materials, using the developed criteria.
56. Measure and calculate materials for a floor covering application based upon client criteria.

ARCHITECTURAL FINSHES AND TREATMENT

57. Describe and identify the types of architectural features used in interior spaces and the impact on interior design, including walls, paneling, ceilings, stairs, chimneys, fireplaces, and doors.
58. Identify a variety of moldings, millwork and ornaments that can be used to enhance interior finishes in a design project.

20.44500 CLASSROOM STUDIO

**PREREQUITES: 20.44200 Interior Design Fundamentals
20.44300 Furniture, Accessories, and Lighting
20.44400 Walls, Windows, and Floor Covering**

COURSE DESCRIPTION: This course includes classroom instruction, laboratory, and work-site experiences. Students are engaged in long- and short-term projects that address real-life design situations and the application of the competencies they have developed in previous courses to create proposed interior design treatments and solve selected design problems. Competencies for the co-curricular student organization Family, Career and Community Leaders of America (FCCLA) are integral components of both the core employability skills standards and the technical skills standards, and FCCLA activities should be incorporated throughout instructional strategies developed for the course.

DESIGNER-CLIENT CONTACT

35. Identify prospective interior design clients.
36. Describe and apply effective client contacts skills.
37. Identify a variety of resources for the interior design business.
38. Identify the documentation required in the interior design business.
39. Develop a personal portfolio that will be an advantage with a client.
40. Demonstrate the ability to estimate the cost of the design project.
41. Apply positive presentation skills in presenting interior design projects to clients.

TECHNICAL AND CONCEPTUAL CONCERNS

42. Identify the programming, design development, implementation and evaluation steps needed for interior design projects.
43. Use technology and computer designed software in the planning and completion of the interior design project.
44. Develop a completed interior design project including preliminary sketches, room layouts, furniture and accessory selections, wall treatments, floor treatments, window treatments, special architectural finishes, and cost estimates.