

ID A110: DESIGN COMMUNICATIONS 1: DESIGN GRAPHICS

Item	Value
Curriculum Committee Approval Date	12/02/2020
Top Code	130200 - Interior Design and Merchandising
Units	2 Total Units
Hours	72 Total Hours (Lecture Hours 18; Lab Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	Yes
Basic Skills	Not Basic Skills (N)
Repeatable	No
Open Entry/Open Exit	No
Grading Policy	Standard Letter (S)

Course Description

This introductory course in design communication techniques will emphasize the importance of visual communication and three-dimensional design graphics for two-dimensional media. Course content will include subject matter and technique presentations in hand-drawn graphics. Design communications shall include orthographic projections, paralines, plan views, elevations, sections, basic perspective drawing, rendering and tonal value applications. Included in this coursework will be introductory applications of 3-D software as well integration with hand drawings. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Analyze, identify, and apply hand graphic solutions to create design communication within industry conventions.

Course Objectives

- 1. Apply design composition and presentation skills for use within appropriate graphic conventions.
- 2. Develop drawing skills for manual design communication through the use of multiple drawing techniques.
- 3. Understand use of appropriate principles for communicating design solutions.
- 4. Select and apply the correct drawing type for expressing design features and characteristics.
- 5. Apply best types of graphic composition and drawing formats as used in the profession of Interior Design.
- 6. Select most appropriate applications of line weight, line type, and tonal characteristics for drawn illustrations.
- 7. Understand and utilize tonal values and graphical imagery for representing realistic drawn renditions.

Lecture Content

1. Design Analytics a. Eye-Mind-Hand Correlations b. Spatial Perceptions c. Orientation, Arrangement, Composition
 2. Drawing Industry Conventions a. Line Hierarchies b. Graphic Conventions Symbols c. Representational Scale d. Graphic Labeling, Titles, Text
 3. Design Drawing Types a. Floor Reflective Ceiling Plans b. Interior Enlarged Partial Elevations c. Spatial Studies Design Delineation d. Isometric Axonometric e. One Two Point Perspective
 4. Rendering Skills a. Tonal Values Material Representation b. Interior Finish Applications c. Scaled item Representations d. Picture Plan Representations
 5. Drawing Composition a. Graphic Conventions b. Picture Plan Composition c. Distances
 6. Design Drawing Submittals a. Methods of Reprographics b. Composition Consistency
 7. Drawing Presentation a. Drawing Hierarchy Conventions b. Placement, Balance, Composition

Lab Content

1. Design Analytics a. Draw representations b. Draw Relationships
 2. Drawing Industry Conventions a. Draw Line Qualities : 'Arial',sans-serif; font-size: 10pt; b. Hand Lettering Font Sizes
 3. Design Drawing Types a. Plan View Drawings b. Elevation Drawings c. Section Drawings d. Paraline Analytic Drawings e. Perspective Drawings
 4. Rendering Skills a. Shades, Tones Textures b. Interior Materials, Cabinetry, Design Features c. Furniture, Plants, People d. Depth via Lines, Shades Shadows
 5. Drawing Composition a. Scale, Text Titles b. Foreground to Background Delineation -tab-count: 1; 6. Design Drawing Submittals a. Format Component Assemblies 7. Drawing Presentation a. Interest Focal Points b. Titles, Text Graphic Symbols ;

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- Lab (04)
- DE Live Online Lab (04S)

Instructional Techniques

1. Lectures employing visual/graphic examples of drawings and live demonstrations by instructor
 2. Informal individual and small group instruction during studio-lab session
 3. Comparative student work presentations via instructor led discussions
 4. Observed and shared student interactions

Reading Assignments

Reading assignments from required textbooks cover tools, drafting, lines, lettering, symbols, texture, orthographic projections, floor plans, elevations, section drawings, perspective drawings, roof plans, and tonal values.

Writing Assignments

Design Concept Statements

Out-of-class Assignments

Weekly reading assignments Revision of lab assignments/projects Create portfolio of semester work Preparation for quizzes

Demonstration of Critical Thinking

Students are assessed on their analysis and application of subject matter knowledge, drawing techniques, principles/drawing conventions, as applicable from assignments and other study activities.

Required Writing, Problem Solving, Skills Demonstration

Students are assessed on drawings and presentation materials by instructor via verbal and written assignments. A limited quantity of written exercises and responses for quizzes, as well as freehand sketch activities may be applied to class content as commensurate with course objectives. (Quizzes and related activities will focus upon terminology, methodologies, and processes related to course content.) Student oral presentation opportunities shall be provided. These activities will focus upon verbal text and graphic presentations relevant to the development of professional skills. Students will be assessed on in-class participation and interaction.

Eligible Disciplines

Architecture: Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience. Interior design: Any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

Textbooks Resources

1. Required Ching, Francis DK. Architectural Graphics, latest ed. New York: John Wiley Sons, 2003 Rationale: Introductory graphics methods and application text. Industry standard. 2. Required Ching, Francis DK. Design Drawing, latest ed. New York: Wiley Sons, 2003 Rationale: Methods of design drawings. Industry standard.