



- A. Use and application of Architectural Scale
- B. Architectural lettering
- C. Manual hand drafting techniques:
  - 1. Use of appropriate drafting tools and paper
  - 2. Graphite and ink
  - 3. Quality and consistency of line
  - 4. Line weights
  - 5. Craftsmanship
- D. Multi-view drawings:
  - 1. Floor plan
  - 2. Elevation
  - 3. Section
  - 4. Reflective ceiling plan
  - 5. Basic electrical plan
  - 6. Details
- E. Drawing Conventions/Graphic Symbols
- F. Basic Digital Techniques
- G. Basic 3-D Modeling
- H. One and two point perspective
- I. Sketching for design development and creative problem solving

## **VI. Educational Goals and Learning Outcomes**

### **A. Educational Goals**

Students will:

1. Utilize drawings in the design process and for creative problem solving.  
(GE-NJ 1, 2)
2. Demonstrate the relationship between three dimensional space and graphic representation in conveying interior designs elements through drawing and digital techniques.  
(GE-NJ 1, 2, 4)
3. Apply orthographic drawing methods and conventions for accurate representations of three dimensional space in two dimensional drawings for design development, construction and presentation. (GE-NJ 1, 2, 4)

### **B. Learning Outcomes**

Upon completion of this course students will be able to:

1. Read and produce scaled architectural drawings.
2. Document three dimensional space in two dimensional drawings and 3D Models
3. Apply orthographic drawing methods and conventions to interior design projects.
4. Produce basic one and two point perspectives of interior spaces.
5. Identify and specify interior design elements and requirements through graphic representation.
6. Draw accurate technical drawings for interiors.
7. Interpret multi-view drawings for interior spaces.
8. Use digital and traditional sketching for the design process and creative exploration.

## **VII. Modes of Teaching and Learning**

- A. Lecture/discussion

- B. Instructor demonstrations
- C. In class and Homework drawing projects
- D. Assigned readings
- E. Sketchbook development
- F. Final Drawing project/presentation
- G. Individual and group critiques

### **VIII. Examinations, Projects and other Assessment Instruments**

- A. Final drawing project/presentation
- B. Quizzes/Exams
- C. Oral Presentation/Informative Dialogue
- D. Drawing projects
- E. Sketch Development
- F. Sketchbook

### **IX. Grade Determinants**

- A. Active participation in class discussions/activities
- B. In class studio work
- C. Completion, accuracy and craftsmanship of drawing assignments
- D. Sketches/Sketchbooks
- E. Final Design Project/Presentations

### **X. Texts and Materials**

- A. Suggested Textbooks:

Construction Drawings and Details for Interiors: Basic Skills / Edition 2, by Rosemary Kilmer and W. Otie Kilmer, Wiley, John & Sons, Incorporated

Design Drawing, by Francis Ching, Wiley, John & Sons, Incorporated

Interior Design Illustrated/Second Edition, by Francis Ching, Wiley, John & Sons, Incorporated

Architectural Graphics /Fourth Edition by Francis Ching, Wiley, John & Sons, Incorporated

Hand Drawing for Designers by Douglas R. Seidler and Amy Korte, Fairchild books

Design Drawing/2000 Edition by William Kirby Lockard, W.W.Norton and Company

(Please Note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.)

- B. Materials:

Students will purchase, drawing/drafting materials, media to print and drives to store digital files.

### **XI. Resources**

- A. Design Studio with drafting tables and portable drafting boards.
- B. Projector for digital lectures on drawing concepts.
- C. Tack boards for critiques.

Additional resources:

- A. Computer lab with web access and appropriate software.
- B. Wide format color plotter for drawings and presentations.
- C. College Library (database access to art, architecture and interior design)