RARITAN VALLEY COMMUNITY COLLEGE ACADEMIC COURSE OUTLINE

INTR110 Design Drawing I

I. Basic Course Information

A. Course Number and Title: INTR110 Design Drawing I

B. New or Modified Course: new

C. Date of Proposal: Semester: Spring Year: 2011

D. Sponsoring Department: Visual and Performing Arts

E. Semester Credit Hours: 3 credits

F. Weekly Contact Hours: 4 Lecture: 2

Laboratory: 2

G. Prerequisites/Corequisites: None

H. Laboratory Fees: Yes

I. Name and Telephone Number or E-Mail Address of Department Chair: Ann Tsubota, atsubota@raritanval.edu

II. Catalog Description

This course is an introduction to traditional orthographic drawing, digital techniques, and creative graphic representation of interior space. Students will produce work that represents three dimensional space in two dimensional drawings and 3-D models. Multi-view drawings: floor plans, elevations, sections, reflective ceilings plans and details will be addressed. A combination of digital techniques and hand drawing for design development, creative problem solving, documentation and presentation will be emphasized. Students will be required to purchase some art/design supplies.

III. Statement of Course Need

This course is a program requirement for the Associate of Science in Interior Design. Drawing is the fundamental language for interior design. It will establish the basic knowledge of drafting, drawing and graphic representation for all phases of interior design.

IV. Place of Course in College Curriculum

- A. Free Elective
- B. The course is a program requirement for the Associate of Science in Interior Design and for the Interior Design Certificate.
- C. Course transferability: this course will transfer to most two and four-year schools (such as Kean University, NJIT, and the School of Visual Arts) as a foundation interior design course or as a free elective.

V. Outline of Course Content

- 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:

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

<u>Design Drawing</u>, by Francis Ching, Wiley, John & Sons, Incorporated <u>Interior Design Illustrated/Second Edition</u>, by Francis Ching, Wiley, John & Sons, Incorporated <u>Architectural Graphics / Fourth Edition</u> by Francis Ching, Wiley, John & Sons, Incorporated <u>Hand Drawing for Designers</u> 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)