

## ADMINISTRATIVE COURSE OUTLINE & SYLLABUS

### **MJC**

Rendering & Rapid Visualization

MINTDS -140

Spring, 2009 TTHU 6-8:30PM.

Instructor: Ira S. Friedman

Email: [irasheldon20004@yahoo.com](mailto:irasheldon20004@yahoo.com)

Office by appointment. Family & Consumer Science / Interior Design

*Course Description:* A foundation course in the graphic techniques applied to quick sketch visualization and rendering. The program will explore a variety of mediums and their techniques for use with emphasis on color markers and pen. Free-hand drawing, composition, basic drafting principles and estimated perspective needs for the interior designer, will be integrated into the program

*Classroom:* Muir 159 MW

*Student Objectives:* Upon completion of the course this course, student will be able to:

- Describe and use basic tools and mediums for drawing quick sketch color renderings.
- Demonstrate free-hand sketching techniques in context of graphic composition
- Demonstrate basic estimated perspective & drafting skills that are integrated into the drawing process.
- Present a convincing sketch rendering of an interior space to a client that will identify the major elements of the interior with color rendering.
- Execute quick sketch color visuals of orthographic floor plans including elements seen in elevation views.

*Teaching Methodology:* Instruction will take the following form;

- Lecture and instructor board demonstration
- Text referencing / Handouts
- Classroom assignment exercises
- Student critiques and project evaluation
- Oral presentation of specified projects
- Maintaining a sketch book and clipping file for material referencing.

*Method of grading & evaluation:* Criteria for grading will be class participation in critiques, weekly assignments, projects, sketchbooks and final project. Letter grades will be assigned, and students advised which exercises/assignments will be graded.

*Required texts:* *Interior Design Illustrated*, C.M Scalise, *Sketching & Rendering Interior Spaces*, Ivo D. Drpic. ( see additional page for recommended texts)

*Additional reference highly recommended:* *Marker Magic*, *The rendering Problem Solver*, Richard McCarty & Greg Madsen.

## **GRAPHIC RENDERING TECHNIQUES AS APPLIED TO INTERIOR SPACES**

Instructor: Ira S. Friedman

Email: [irasheldon20004@yahoo.com](mailto:irasheldon20004@yahoo.com)

Office: By appointment, TTHU. 5-6PM

Spring Semester, 2009

### **TOPICAL OUTLINE**

#### **Drawing from observation:**

- **Line and shape**
- **Tone and texture**
- **Form and Structure**
- **Space and depth**

#### **Drawing Systems:**

- **Pictorial systems**
- **Multiview drawings**
- **Paraline drawings: Rendering orthographic floor plan**
- **One and two point *estimated perspective***

#### **Drawing from the imagination:**

- **Speculative drawing / concept sketching**
- **Drawing composition**
- **Mediums explored: Primary medium ,Color Markers**
- **Presentation drawing**

**An introduction to the various graphic techniques (usage) and mediums will be presented prior to any class exercises or assignments. Included will be topics such as mediums, instruments and their use - function.**

***NOTE: The above outline and syllabus are subject to change and do not necessarily indicate a chronology of instruction. The instructor may amend any of the above to his discretion based upon the responsiveness of the class to the topics covered.***

SYLLABUS, continued.

*Guidelines & Policy:*

Criteria used for evaluation & grades:

- Implementation and execution of rendering techniques
- Sketchbook- the collection of sketches, exercises, competency in techniques.
- Quick sketch illustrations from photographs, illustrations, propped still life and outdoor studies. Emphasis on 1 & 2 point rendered estimated perspective interior spaces.
- Homework. The majority of drawing will be done in class. Homework will consist primarily on sketchbook entries and reading in texts prior to lectures.

Due dates: All assignments in class or out are due on the specified dates. Late assignments where grades are applicable will be considered LATE and graded accordingly.

PROJECTS DEFINED: Exercises that require more in depth delineation and require a greater length of time to prepare. Projects will be “weight” graded. Late work will be accepted only ONE CLASS SESSION PAST THE DUE DATE.

**NOTE: It is the student’s responsibility to learn of missed assignments by contacting a class member.**

STUDENT RESPONSIBILITIES:

- Declare grade/no grade
- In the event of absence, class notes, handouts and assignments, need to be obtained from class members.
- In class use of cell phones/text messaging is prohibited
- Drinking water is allowed in class. **FOOD MAY NOT BE EATEN IN CLASS.**

**MATERIALS & SUPPLIES: See attached list which is subject to modification.**

## Learning Outcomes & Objectives:

*Student Objectives: Upon completion of the course the student will have acquired the skills and techniques necessary in developing convincing drawings of interior spaces. The student will be prepared to matriculate to more advanced graphic techniques using a variety of mediums and projections in the development of color renderings for interior environments.*

### Competencies:

- Use of basic tools and mediums
- Organization of space and composition
- Projections: Orthographic, isometric & estimated one and two point perspective used in the development of interior spaces and manufactured products.
- Integration of basic drafting conventions/the use of scale.
- Present both free-hand and mechanical assisted renderings in pen, pencil and color markers.
- Execute free hand quick sketches for preliminary presentations in black and white as well as color.

### *Teaching Methodology in accomplishing the Outcomes:*

- Lecture, text reading and exercises relating to specific disciplines
- Instructor demonstrations
- Handouts relating to specific topics and exercises
- Homework and in class execution of projects and exercises used to measure comprehension and application of techniques and theory.
- Student and Instructor critiques
- Comprehensive periodic projects orally presented by the students
- Maintaining a sketch book and reference clip file

## Student Learning Outcomes Worksheet

Course name and number: **MINTDS 140 Rendering & Rapid Visualization**

<p><u>Outcome:</u> ONE sentence that describes a major piece of knowledge, skill, ability, or attitude that students can demonstrate by end of the course</p>	<p><u>Assessment:</u> Major assignment, project, or exam used to demonstrate or apply the outcome</p>
<p>Upon completion of the course the student will have acquired the skills to produce convincing color sketch renderings of residential interior spaces, as well as rendered furnishings where appropriate and requested by a client.</p>	<p>Both classroom and homework assignments instruct the student in the principles of composition, use of mediums and the graphic techniques used to produce a finished rendering.</p>
<p>To accomplish a quick sketch rendering, basic observations of form, contour and shape need be observed. The relationship between negative and positive space need be understood in order to produce a rendering that will capture 3 dimensional and 2 dimensional graphic statements.</p>	<p>Still life sketching of a variety of forms will be used to demonstrate the relationship between forms and how this awareness of space is used in composing a rendered interior space</p>
<p>Upon completion of the course the student will have acquired skills and technique in the use of color and how color is used in creating mood, space and atmosphere. The principle medium used is the felt tip marker in combination with pen and ink.</p>	<p>Mixing and layering of color will take the form of test pallets, identified in chart form for quick reference.</p>
<p>In addition to developing competencies in rendering of interior spaces, the student will have acquired the techniques to render specific textures, materials and surfaces in a minimum of time and effort. For example: Wood, metals, plastics, glass, marble, tile, natural fibers and textiles.</p>	<p>Physical samples of textures and materials frequently specified in interiors will be used in classroom exercises. Individual instruction will be given to assure the desired outcome and effect.</p>
<p>Upon completion of the course the student will have acquired sufficient Skills in producing a convincing sketch rendering that would be appropriate for an initial client presentation. The student will have gained the confidence to matriculate to more advanced courses in the discipline of graphic techniques. The work produced in the class will provide portfolio quality renderings to be used in employment interviews.</p>	<p>Evaluations take the form of student-instructor critiques. Specific exercises and projects: Room environments sketched in color and perspective. Timed sketch renderings&amp; hypothetical designer/client presentations.</p>

**REQUIRED TEXTS: INTD 140 RENDERING/RAPID VISUALIZATION,  
SPRING,2009**

Sketching and Rendering Interior Spaces, Ivo Drpic. ISBN 0-8230-4854-3

Interior Design Illustrated, Christina M. Scalise, ISBN-13:978-1-56367-531-7

Instructor:

Ira S. Friedman

Email:irasheldon20004@yahoo.com