



## 213 Marker Rendering 12 Week

Professor Donald Gardner

### Twelve Week Schedule

#### **NO PHOTOGRAPHY Please shut your cell phones off.**

**Course Objective:** An entry-level course designed to familiarize the student with marker pens, various papers and techniques. Not geared to integrate perspective with the learning of markers rendering; traced photos will be used.

**Summary:** Upon successful completion of the course, the Student will have been exposed to a range of marker techniques and papers along with self-critiquing tricks to assist them in presenting to clients the ideas of design.

**Course Policies** Attendance: Due to the nature of this class attendance is considered an important habit to acquire in becoming a mature, responsible member of the professional community. Each student may have two total absences from class for personal business, illness, automotive failure, weather, migraines, etc., without penalty. Please know, more than two consecutive class meeting absences or three non-consecutive absences per semester subject you to expulsion from the course: you may be dropped from the class. Advance requests for make-up participation in another session, may be made; however attending two alternate sessions may warrant rescheduling with IDI administration. Each student is expected to be on time and to remain for the full class time each day. Lateness and early departure will accumulate toward an absence; three of either will equal one absence.

Extra Credit: THERE IS NO EXTRA CREDIT. To permit extra credit work for certain students would be unfair to others.

Late Work: All projects will be turned in for review and evaluation as announced. All projects will be due at the BEGINNING of the class unless otherwise stated. LATE WORK WILL NOT BE ACCEPTED. It is better to turn in your project in whatever state it is in and receive at least partial credit than to receive no credit at all.

**Academic Dishonesty:** All academic work, written or otherwise, submitted by a student for a grade is expected to be the result of his/her own thought, research or self-expression. Plagiarism includes reproducing someone else's work or employing or allowing another person to alter or revise the work which a student submits as his/her own. Should a student use part of, or refer to another source in the exercise, it is expected that proper credit will be given in accordance with established documentary formats. Any work submitted for grade, which proves to be that of someone other than the student will receive a "Ø" for grade.

PLEASE LEAVE YOUR DRAFTING TABLE PERFECTLY CLEAN AT THE END OF CLASS: FILTHY TABLE LOCATIONS ARE SUBMITTED TO ADMINISTRATION. Be mindful that the desk should have been cleaned before you arrived, using chlorine-based solvents that are both toxic and bleaching to your clothing

#### **Grading:**

1. 15% Homework: (Pass/Fail Three assignments @ 5% each)
2. 20% Project One Marker Paper
3. 20% Project Two Marker Paper
4. 20% Project Three Bristol Paper
5. 25% Project Four Choice Paper

Attendance (*Drops one letter grade after second missed classes*) Early departure to "work at home" is a missed class.

Not a correspondence course. No Project will be accepted late. No extensions. Turn-in color copies only when asked, NOT responsible for originals.

#### **Materials:**

Material overview Week 1; purchases to be concluded prior Week 2

Estimated Student Cost: **\$185.00 / text \$65.00 Out of Print**

Optional Materials: Student Discretion

#### **Required Text:**

*Smartbook 2: inking on paper: a study guide* Donald Gardner ISBN 978-0-9777443-1-2

**Book is out of print but a PDF scaled version will be posted to enrolled IDI students.**

Optional or Alternate Sources:

*Marker Magic: The Rendering Problem Solver for Designers* R. McGarry & G. Madsen  
ISBN 0 442-00769-8

*Rendering with Markers* R. Kemnitzer ISBN 0 8230 4532 3

*Markers: Interiors, Exteriors, Product Design* Don Gerds LCCC 83 070180

*Color Rendering* M Doyle ISBN 0 442 22184 3

**Projected Class Schedule:**

- Week 1 Introduction to markers, pens, pencils, papers and other tools of rendering.  
Demonstrations of various techniques, marker handling and papers. Simple volume making using a cube, cylinder and sphere.  
**Text:** pages 2 through 31. Take note of the diagram on page 18 and complete version page 20. Your assignment may vary from illustrations shown in the book. DO NOT isolate with a black pen as illustrated in the text.
- Homework:** Four of each shape (16 minimum) approx. 2" x 2" each, three sheets max. 16 shapes, grading for LMD's  
16 Geometric Shapes ( Cube, Sphere, Cylinder and Cone) with Light, Medium, Dark  
**Cube:** One pen/ One pen + grey/Two pens/ Combination choice - 1 as open box  
**Sphere:** One pen/One pen + cool grey/ Two pens/Combination choice - One disc  
**Cylinder:** Two cool Greys/Two warm greys/Two pens/One pen - One as "tube"  
**Cone:** Two pens/One pen/One pen + grey/Combination choice - One pleated
- Week 2 Post on wall for oral critique of homework DUE.  
**DUE** Review of lay-in techniques. Demonstration of lay-in's for shape definition (viz., stripes)  
Homework: Four replications of chairs in solids using LMD.  
Line Drawing (chair): **LMD**  
Solid or alternate fabric, either plaid, stripe or floral print. Bring fabric for drawing comparison and apply to chair  
Additional: Select photos of textures, which begin next week.  
**Text:** pages 32 through 41. Your assignment may vary from illustrations shown in the book, however the chair is the same as illustrated.
- Week 3 Post on wall for oral critique of homework DUE. Chairs with LMD's  
**DUE** Begin textural materials by free-hand or trace drawing.  
Various papers may be utilized as well as mixed medias (three papers minimum exploration over duration of course).  
Homework Part One: Four illustrations on one sheet of paper  
**Materials:** Trace four samples, two (2) stone and two (2) wood. Of the stone, one is polished and one is honed/matt in surface finish. Of the woods, one light and one dark. See text page 42-44; label pens used for future reference.  
**Homework Part Two:** Now apply the same textures into micro renderings. See text pages 45 to 49. Best approach is to create small vignettes, perspectives, and insert two to five textures per micro-rendering One dozen examples of textures (each approximately 2" x 2"). Textures (16 variations) 12 minimum  
Select a minimum of 12 items from each of the following fields:  
**Stone:** Flamed granite, polished granite, dark marble, slate in 12" X 12" sq pavers

**Clay:** 4"x4" ceramic tile, Mexican clay pavers, brick (new or used)  
**Wood:** Oak (red or white), Mahogany (may have a cherry stain) Ash or Birch  
**Glass:** 3/4" beveled glass table top, framed mirror, floor-to-ceiling mirror, glass picture frame.

**Text:** pages 42 through 51.

- Week 4 Post on wall for oral critique of homework DUE  
Demonstration of sofa lay-in's and rendering of materials used for project.  
**Project One** begins bringing together each of the various techniques.  
Refresher of Perspective I (See Smartbook 1, pages 58 – 65).  
Homework: Complete Project One Sofa and log hours required. Traced Line Drawing (sofa) for Light, Medium & Dark, plus beginning Textures (wood, marble, stone on floors) and color on the walls. Detail for distance, nearness employing one only patterned floral, plaid or stripe. Text shows a composite sample, your submission will be ONE textile  
**Text:** pages 54 through 73.
- Week 5 Post on wall for oral critique of homework DUE  
Demonstration of sofa lay-in's and rendering of materials used for project.  
**Project One** begins bringing together each of the various techniques.  
Refresher of Perspective I (See Smartbook 1, pages 58 – 65).  
Homework: Complete Project One Sofa and log hours required. Traced Line Drawing (sofa) for Light, Medium & Dark, plus beginning Textures (wood, marble, stone on floors) and color on the walls. Detail for distance, nearness employing one only patterned floral, plaid or stripe. Text shows a composite sample, your submission will be ONE textile  
**Text:** pages 54 through 73.
- Week 6 **Project One Due** Post original on wall for oral critique  
Obtain color copy **after** class critique/ your modifications; turn-in color copy only, which may be accompanied by grade sheet. Copy will not be returned.  
Begin **Project Two** using the same sofa Traced Line Drawing (sofa) for patterns, textures, and textiles with Light, Medium & Dark Evening lighting (lamp), second fabric (stripe, plaid, floral), polish flooring. Glass table (coffee table) with sketched article on top.  
**Text:** pages 73 through 81
- Week 7 **DUE** **Project Two – original pin-up** at beginning of outset of class. Oral Critique  
Studio presentation of airbrush and further mixed media techniques. Bristol board or Bond paper to be utilized
- Week 8 Begin Project Three Studio time with demonstrations as required for techniques on student work in progress. Same traced Line Drawing (sofa, practice makes perfect) as exercise using all previous techniques with base shadowing and a window covering in matching fabric (taut vs pleated): Light, Medium & Dark; Textures (wood, marble, stones); Third remaining un-worked textile to be used for both taut and pleated (not the same as Project One or Two)  
**Text:** pages 82 through 98
- Week 9 **DUE** **Project Three Due** – Post on wall for Oral Critique. Sketching in color and rapid visualization techniques, time permitting

Begin Project Four using a photo to be traced, a MINOR amount only please, onto Bristol board (Alternate course requisite is possible with permission)

**Text:** pages 99 through 103, you may enlarge the studies in the rear of the text for preparatory practice for final 75-90 minute study.

Week 10      Project Four development onto Bristol board (Alternate course requisite is possible with permission)

Week 11      Studio time

Week 12      **Project Four Due** at beginning of class with oral instructor critique  
**DUE** followed by a NFG speed project.  
Timed speed project: 75-90 minutes

**BRING ALL ART SUPPLYS/NOT FOR GRADE**

## 213 Marker Rendering

### Final Grading Sheet

Turn this sheet in with EACH project to keep a current total.

**Name:** \_\_\_\_\_

**Homework/In-class Assignments** 5% each (see website for further details)

- 5** 16 Geometric Shapes ( Cube, Sphere, Cylinder and Cone) with Light, Medium, Dark  
**Cube:** One pen/ One pen + grey/Two pens/ Combination choice - 1 as open box  
**Sphere:** One pen/One pen + cool grey/ Two pens/Combination choice - One disc  
**Cylinder:** Two cool Greys/Two warm greys/Two pens/One pen - One as "tube"  
**Cone:** Two pens/One pen/One pen + grey/Combination choice - One pleated
- 5** 8-1/2 X 11 Line Drawing (chair): **LMD**  
Solid or alternate fabric, either plaid, stripe or floral print. Bring fabric for drawing comparison and apply to chair
- 5** Textures Part One: Four illustrations on one sheet of paper  
Trace four samples from the list below, two (2) stone and two (2) wood. Of the stone, one is polished and one is honed/matt in surface finish. Of the woods, one light and one dark. See text page 42-44; label pens used for future reference.  
Textures Part Two (16 variations) Select a minimum of 12 items from each of the following fields  
**Stone:** Flamed granite, polished granite, dark marble, slate in 12" X 12" sq pavers  
**Clay:** 4"X4" ceramic tile, Mexican clay pavers, brick (new or used)  
**Wood:** Oak (red or white), Mahogany (may have a cherry stain) Ash or Birch  
**Glass:** 3/4" beveled glass table top, framed mirror, floor-to-ceiling mirror, glass picture frame.

### Projects

- 20 Project One**  
Traced Line Drawing (sofa) for Light, Medium & Dark,  
plus beginning Textures (wood, marble, stone as a floor), painted wall.  
Detail for distance, nearness  
Floral, plaid or stripe
- 20 Project Two**  
Traced Line Drawing (sofa) for pattern, texture and prints with Light, Medium & Dark Evening lighting (lamp), second fabric (stripe, plaid, floral), polish flooring.  
Glass table (coffee table)
- 20 Project Three**  
Traced Line Drawing (sofa or approved photo) as exercise using all previous techniques with base shadowing and a window covering in matching fabric (taught vs pleated): Light, Medium & Dark; Textures (wood, marble, stones); Pattern, print, plaid or stripe (however not the same as Project One or Two)
- 25 Project Four**  
Traced line drawing (from approved photo) similar to the sofa requirements.  
Must have a REAL fabric, not a copy of the photo's and pick new colors  
Original perspective drawing for IDI Residential 1 course considered.
- Attendance (one point per class; grade lowers ONE full letter grade after second miss, excluding holidays; one hour later arrivals or early departures count as a full miss)*

**100TOTAL**

## 213 Marker Rendering

**Supply List (subject to review as manufacturer numbers change items/numbers frequently) Visit web site [www.amtalusa.com](http://www.amtalusa.com) select Tools of the Trade for pen discounts. Refer to your text, Smartbook 2, Chapter One, Organization for color sample chart similar to one used in class.**

**Markers:** Budget for minimum 25 markers: Tria (new water-based), Prismacolor Berol, Copic, or Ad Markers. Note: below Tria numbers relate to discontinued Pantone Tria series. New numbers have not been entered those between (parenthesis) are for 12-scale Ad Markers.

**General Grey Selections** minimums:

Warm Grey	20% (2)	&	Cool Grey	20% (2)
	40% (4)			40% (4)
	60% (6)			60% (6)
	80% (8)			80% (8)

**Generic Colors** of Markers: (manufacturers ALL have many names and constantly change their numbers; colors may be purchased AFTER first class session)

Medium Olive Green	Copic YG97
Beige	Prisma 72/ 79
Wood tones	Prisma 88/ 172/ 89
Blush	
Yellow Ochre	Prisma 190
Glass edging	Prisma 31/ 37
Light Blue	

**Pencils:**

Cream	914 Berol Prismacolor
White	938 Berol Prismacolor
Peacock	907 Berol Prismacolor
Aquamarine	905 Berol Prismacolor

**Fine Line Pens:**

Stylist	Black
Stylist	Brown

**Papers:**

**ONE PAD ONLY** Approximate size 11" X 14"  
50 Sheet Pad Tablets  
Strathmore "Marker" **OR**  
**Bienfang Marker 360** (CAREFUL not to work on wrong side) **OR**  
Morilla "Marker Layout" (CAREFUL not to work on wrong side) **OR**  
Canson Marker Paper (CAREFUL not to work on wrong side)  
NO LETRAMAX OR LETRASET MARKER PAPER (Orange cover)

**Additional** (one pad and you may swap folios with others)  
Strathmore "Bristol" 100 lbs 11" X 14"

**Additional Required Supplies:**

18" X 24" Acetate (Clear) to protect table  
Plastic "Inking" Straight Edge 18" Length; have one cut to 3"- 4" lengths  
Bestine Solvent Thinner (Rubber Cement Thinner) Pint  
Liquid Paper: White  
Drafting Dots or Tape

**Nifty Sources:** *What Wood Is That?* Herbert L. Edlin ISBN 0 670 75907 4  
*Stone Sampler Second Edition* StudioMarmo ISBN 978 0 393 73265 8







