

# Rob Millard-Mendez

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## Design: Defining Your Style Through Elegant Form

June 10-14, 2019

Thank you for choosing to sign up for this class. It will be a week of fun, interesting activities that will expand your understanding of the design process. If you have any questions about the tools/materials below, please contact me by phone or by email. My contact information is above.

### Drawing Tools

Pencils (#2 mechanical pencil, HB or F pencil [medium hardness], 3B or 4B pencil [soft])  
Pink Pearl Eraser  
45/45/90 triangle (4" – 6" or larger)  
30/60/90 triangle (4" – 6" or larger)  
Protractor (4" – 6" or larger)  
Compass (metal)  
Dividers  
French curve (4" – 6" or larger)  
Black Sharpie markers (thick and thin)

If you have other drawing/drafting tools that you like, feel free to bring them. But there is no need to buy an expensive set of drafting tools just for this class.

### Modeling Materials:

Roll of masking tape ( $\frac{3}{4}$ " )  
 $\frac{1}{2}$ " Glue gun (with high and low temperature settings) and  $\frac{1}{2}$ " glue sticks  
Clay modeling tools (I have plenty for folks to borrow, but you can bring some if you have them)

### Hand Tools:

Small hammer or mallet  
Combination square (6" or 12")  
Measuring tape (12' would be fine)  
4 in 1 rasp (or similar rasps and files)  
Long-nose pliers  
Handsaw (Eastern or Western)  
 $\frac{1}{2}$ " Chisel  
Utility knife (with extra blades) or X-Acto Knife (with extra blades)

This not a class where we will be building finished objects, we will make models and mock-ups out of easy-to-work materials. If you have other hand tools that you want to bring, that is fine as well.

### Drawing Surfaces

Lined or unlined notebook  
Drawing pad, 14" x 17" (larger would be better)  
Tracing paper pad (at least 9" x 12")

## Resource Materials

This class is going to cover how to identify your personal style. In order to help you do that, you will need to bring in five (or more) images of objects that you enjoy. Think broadly here. The images you bring can be of furniture, decorative objects, architecture, natural forms, cars, planes, etc. The pictures can be actual photographs, cut-outs from magazines or books, or images on a digital device like your smartphone/tablet/laptop/digital camera with a display. If you are planning to make something for someone else, like a spouse or a client, you might ask that person to provide you with images of things he or she likes.

## Daily Syllabus

### Monday

- Introductions
- The design process
- Understanding style
- The four questions
- Furniture sizes
- The principles of design
- Sketch/look at resources
- Safety presentation

### Tuesday

- The elements of design
- Choosing materials
- Craft (concept, consistency, connections)
- Designing for wood movement
- Furniture paradigms
- Joinery (traditional and contemporary)
- Orthographic drawing, line hierarchy

### Wednesday

- Isometric drawing
- Perspective drawing (one-point and two-point)
- Proportion,  $\Phi$ , the Fibonacci sequence, and other approaches to proportion
- Technical drawing (details)
- Making a cut list
- Ergonomics: edgings, endings, beginnings
- Finding inspiration

### Thursday

- Introduce large project
- Work on modeling a full-sized part in clay
- Other demonstrations as needed
- Work on large projects

### Friday

- Work on large projects
- Group discussion/critique of objects
- Cleanup