

ARCH 11011  
**GRAPHICS I - DRAWING**  
UNIVERSITY OF NOTRE DAME SCHOOL OF ARCHITECTURE  
FALL SEMESTER 2019

## Supply List

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Instructor: Prof. Giuseppe Mazzone

TAs: Krisyn Aiello, Molly Jorden, Faith Primozić, Charles Sardi, James Sumantri

Meeting Times and Location: MWF, 9:00-10:15 PM Walsh Family Hall, TBD

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### Required Drawing Materials

Below is a list of drawing and painting materials. You will also want to use an ordinary notebook of some sort. I try to remember to punch all handouts for a three ring binder, so such a binder with notepaper might be best. Though some students keep notes in the sketchbook, be aware that there will be times when you will not have the sketchbook available (when exercises are being graded).

All the materials listed below are available at United Art and Education in Mishawaka. They set up a space in the store with all the materials you will need. If you will go there with a copy of this syllabus, you will receive 10% off the total supplies.

### Drawing Materials

#### DRAWING AND DRAFTING

- Sketchbook, 9"x12," spiral bound, hard cover  
Chose a sketchbook whose paper is not excessively smooth. You want the paper to really grab the lead.
- Tracing Paper, 12" Roll  
Preferably white although yellow/canary rolls are acceptable.
- Wooden pencils  
2B, HB, 2H.  
We will be using HB for sketching. 2H will be used for drafting applications and for transferring your drawings on watercolor paper while 2B will be used for finishing lines (but NOT on watercolor paper).
- Metal Pencil Sharpener  
Easy to carry around, metal sharpener are preferred to plastic ones.

- Faber-Castell PITT Perfection Pencil Eraser  
This is an uncommon item. **Be sure to get one with a white eraser tip instead of a red one.** Some models of this tool come with a brush tip, which however is not essential. *United Art and Education* in Mishawaka has this tool in stock.
- Retractable stick eraser (and eventual refills).  
In addition to the Pencil Eraser, this tool will help you to erase graphite from wide areas when working on drafting film and for details such as hair (we will be working on drafting film in the second part of the semester).
- Drafting Dots or Drafting Tape  
You will need these when performing drafting applications for the assignments in the first half of the semester. Drafting dots are ideal for ease of use. Drafting tape works equally well, so long as it is NOT masking tape, which will rip your drawings.
- Architectural Scale 12" triangular scale.  
Be sure to get one with feet and inches and not with centimeters.

The following items will be used for some drafting during the semester. For this class you may use tools you already may own from high school. However, if you decide to purchase new ones, you may want to follow these specific since they will be requested in the next Spring semester drafting class (where these items will be required).

- Drafting Triangles  
You will need a 30°/60° triangle and a 45° one both with inking edge. Choose a set from any of these three sizes: 6", 10", or 12" according to personal preferences.
- Bow Compass  
There will be a very limited use for a bow compass in the Fall semester. If you decide to get one, select a model with bar extension and inking attachment since they will be used in the Spring semester.

## WATERCOLOR

- Watercolor paper in a block, 11"x15," 140# cold press, 12 sheets minimum  
Price may vary according to brand and quality. Most of you will experiment with watercolors for the very first time. I would reserve top quality watercolor paper for your future masterpieces.
- Round, Pointed Tip #8 Watercolor Brush  
This item comes in a wide range of quality and price. Acceptable ones run about \$15-\$20 Princeton Art and the dealer Urecht's store brand are both good, in Kolinsky sable or synthetic bristle.  
**Be sure to pick a "watercolor" brush** (they are labeled in stores, so just be careful to pick a brush from the correct area). Brushes for acrylics and oil painting have tips specifically design for these media and do not work as well with watercolors.

- Round, Pointed Tip #4 brush  
Used for medium details

## PAINTS

There are a variety of manufacturers and qualities of watercolor paints. Windsor & Newton Artist Quality Paints are highly recommended for their quality; they have a higher concentration of pigment so less paint will be needed to mix an equal amount of watercolor. We will be working with watercolors in tubes since they can be mixed to create multiples hues (which can not be fully achieved with watercolor cakes).

A small 5ml or 8ml tube of each color will be enough for this course. We will be using a set of primary colors:

**New Gamboge** (or Gamboge Hue)

**Antwerp Blue**

**Alzain Crimson** (or Alizarin Crimson Hue)

- Palette, bowls, or mixers

Rendering in watercolor uses more water than freehand painting as requires palettes with large wells (often configured like a flower or a wheel). You may also use stacking mixers like nesting dishes or bowls (plastic is fine).

A good alternative are small glass jars with lids, canning jars, or small Tupperware cups with lids which may be found in grocery stores. Their number depends from the amount of color used in each drawing. For this class it is suggested a minimum of 4 lids: three to hold color washes; one dedicated to clean water.

- X-Acto knife: #1 or X2000 recommended

Used to detach your watercolor sheet from plywood boards (which are provided in studio)

The following items can be also found in any grocery store:

– Sponge

Used to remove eventual air bubbles while stretching your watercolor paper and to remove gummed paper tape from the watercolor boards.

– Cloth

Use to lift water from the watercolor paper and to absorb water from your brush. Any type of white cloth or rag is fine for this purpose.

Additional items like vellum, drafting film (mylar), plywood boards and gummed paper tape will be available in studio.

## Sources

You can find these products at art supply houses. There is no high-end art supplier in the immediate area, but **United Art and Education** in Mishawaka (the town adjacent to South Bend) has arranged a shelf with the supplies for this course. They are being cooperative about

stocking things we use so I am trying to encourage our students to shop there. Bring the Fall 2020 class syllabus with you when visiting the store in order to receive a discount of your class supplies.

They are located at *5924 Grape Road*. It is simple to get there. The north boundary of Campus is Douglas Road. Take it east a bit over two miles, turn left at Grape, right at the next light “Indian Ridge” and then left into the strip mall on the corner of Indian Ridge and Grape.

**Hobby Lobby**, *5514 Grape Road* (south half of Indian Ridge shopping, just north of Douglas, on east side of the road) offers a more limited offering of art supplies than United Art and Education, and are very heavy on craft stuff.

### **On-line sources**

If you decide to purchase your supplies online, you may want to check the following art supply stores:

United Art and Education, [www.unitednow.com](http://www.unitednow.com)

Utrecht, [www.utrechtart.com](http://www.utrechtart.com)

Blick Art & Craft, [www.dickblick.com](http://www.dickblick.com)