



Dear Architecture + Design Student,

We are delighted to have you as part of the 2019 GSA Architecture + Design studio and we're excited to get started. Anticipate a challenging program that will introduce you to unfamiliar ways of learning, exploring, and thinking. The architecture + design program will include intense sessions of drawing, sketching, making, and building. Studio projects will be balanced with visits by guest architects and designers, discussions about current and historical design context, and field trips to valuable design resources in the region.

We will provide most of the materials for your projects; however, you are required to have the following list of supplies. This will ensure that you have your own set of tools for GSA and beyond. Many of these instruments can be used far beyond this summer. You can find these items at any art supply store or online. If you should have trouble, these stores should be able to help you with any questions. If there are any items you cannot find, GSA has many of these that you can borrow, or we will help you find reasonable substitutes during the program. Do not feel the need to spend extravagantly on these materials - beginner or intermediate quality will be fine for our program.

Work with your parents/guardians and teachers/mentors to start getting your supplies together now. Also, please be sure to label all of your materials with your name and bring a container to keep them organized.

We look forward to an exciting three weeks. See you in June!

Jordan Hines and Mark Richards

Architecture + Design Supply List

For Drafting and Drawing:

- 36" T-Square
- Architecture scale (make sure to get architectural not engineering – it should have scales written on it like $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, etc.)
- Minimum of two drafting triangles (one 30/60/90°, and one 45/45/90°) *OR* one adjustable triangle (more expensive, but convenient)
- White vinyl eraser (either block or pencil-style)
- Variety of wood drawing pencils: 6B through 6H (Faber-Castell, Staedtler, etc.) *OR* a lead holder with a variety of lead weights. Bring at least four different lead weights, with one very hard and one very soft and a range in between. If you get a pencil with removable leads do not get a mechanical pencil, get a lead holder. Lead holders have 2mm thickness leads; anything less than 2mm is a mechanical pencil.
- A hand-held sharpener for whichever type of drafting pencil(s) you bring.
- Roll of drafting tape or drafting dots – *NOT* masking tape, get drafting tape
- Spray Fixative (Be sure to avoid spray adhesives, they are two very different things.)

For Model Building:

- White glue (like Elmer's or Sobo)
- Xacto knife with #11 blades *OR* light duty snap blade knife with extra blades). Be sure it is *NOT* a heavy duty box cutter or utility knife. It is optional if you want to bring a heavy duty utility knife.)
- Metal ruler with cork backing for cutting (your preference of 12" or 18" or 24")
- Cutting mat (12"x18" recommended, but up to 24"x36" if you prefer)
- Scissors

General:

- Bound sketchbook (This can be whatever size or paper type you prefer to use.)
- Whatever writing/sketching instruments you like to use in your sketchbook. (This is where you can use mechanical pencils, pens, sharpies, etc.)
- Storage kit/box/bag for your supplies. (This will be left at your drawing desk most of the time, this just allows you to stay organized and keep track of your tools.)
- Back-pack, water bottle, and good walking shoes for field trips
- Music: For you to listen to while working. (During some studio sessions, we will have speakers to play music for the class. But please feel free to bring your own earphones for when you want to work privately. Please note that if you use an internet connected device or phone for music, that there are GSA restrictions and different rules between studio and non-studio environments with these. We will discuss at the beginning of the program).

Optional: These items are not required, but very useful (for both GSA and after). If you have them already go ahead and bring them. If you don't yet, it's a good idea.

- Flexible curve, set of French curves, or circle templates
- Erasing shield
- Any other art supplies or media that you enjoy using or would like to experiment with.
- Camera (Many students like to bring cameras; while we don't have assignments which use cameras, you can bring them on field trips, studio, or other events to document your memories.)
- Do NOT bring your personal computer, we will be able to use a computer provided by GSA when necessary.