

Introduction to Architecture

Summer 2021 / June 14 – June 18 / 9AM – 12PM PST

Instructor: Lucia Song

Project

The task of designing the built environment requires a multitude of considerations: ergonomic, social, environmental, economic, structural, historical, geographical, mechanical, and more. This project focuses on the human experience, environmental concerns, and structural viability. Each student will be tasked with designing small cabin for a family of three on a specific site near Lake Tahoe, CA. We will explore the way that various site conditions and program requirements can inform form-making. We will discuss the basics behind structure in order to create projects that are within the realm of structural possibility. Students will explore design and form-making through both hand drawing and model-making.

**Though a printer is not required for this course, it is recommended that students print out a few items prior to the beginning of the workshop. Instructor will email PDFs to students.*

Materials

Cutting Mat: [\[Alvin Reversible, 18"x24" minimum\]](#)

Bristol Board: [\[Strathmore 300 Series, 20 Sheets, 14"x17" \(Smooth or Vellum\)\]](#)

Tracing Paper: [\[20 Yard Roll, 12" Wide\]](#)

Architectural Scale: [\[Staedtler Mars Triangular 12"\]](#) or [\[Alumicolor Triangular, Hollow 12" or 18"\]](#)

Ruler [\[18" metal preferred\]](#)

X-acto Knife: [\[#1\]](#)

Tacky Glue [\[Aleene's, 4oz\]](#)

Scissors

Tape (Clear, Translucent, or Painter's Tape)

Pencil + Eraser

Black Pens (Sizes: 005, 01, 03, 05, 08) [\[Sakura Pigma Micron\]](#) or [\[Staedtler Pigment Liners\]](#)

Optional Materials

Chip Board (1/16" thickness recommended)

Utility Knife (required for chip board): [\[Olfa Snap-off Blade\]](#) or equivalent

Triangles and/or Protractor (i.e. [\[Combo Set\]](#) or [\[Aluminum Triangles\]](#))

Computer + Sketchup (Free Software)

Photoshop (Software)