

ENVIRONMENTAL DESIGN SUPPLY LIST & TECHNOLOGY RECOMMENDATIONS

LAPTOP RECOMMENDATIONS

At Environmental Design, computers are an important design and communication tool where processing power is of the utmost importance. Though computers are utilized more in the upper-levels of the program, these recommendations are intended to guide those who plan to purchase a computer at the first-year level to last the duration of their undergraduate experience. It is not necessary to purchase a computer for design applications until the spring semester of year one. The university, in conjunction with ENVD, maintains a limited number of workstations in a lab setting for students to use.

ENVD recommends Windows operating system (OS). Some prominent design programs only run on Windows, and hardware components (memory, graphics cards, etc.) are typically upgradable. Though a computer with MacOS can work for some students most of the time, they are not recommended with Apple's currently available specifications.

Recommended specifications:

- Windows 10
- Intel Core i7 (11th gen) processor or greater
- 16 GB RAM or greater
- 512 GB storage or greater
- Preferably a dedicated graphics card
- M325 Logitech Bluetooth Mouse (or similar 5-button w/ scroll)
- Technology Platforms including Adobe CC & Zoom

*** Please plan to spend about \$100 each semester on various design software.*

STUDIO SUPPLIES

Environmental Design requires a specific set of studio supplies necessary to studio learning objectives. Students can find these supplies at the CU Bookstore and online (also limited quantities of some supplies are available to check out at the ENVD Digital Media Center). In addition, you will be expected to purchase paper and modeling supplies as needed for studio design projects. The following is a list of recommended supplies for your first year at ENVD:

Drawing/Sketching Supplies:

- Sketchbook:
 - Minimum of 5" x 7" (Moleskine or similar brand recommended)
 - 8-1/2" x 11" with gridlines: preferred
- Sketch pencils (2H, HB, 2B minimum)
- Set of four pigment liners in sizes 0.5mm, 0.35 (or 0.3), 0.1, and 0.05 (Micron or Staedtler)

- 0.5 mm mechanical drafting pencil (additional lead widths and hardness recommended)
- Portable pencil sharpener: battery powered or mechanical
- Three-sided “architectural” scale
 - Typical scale markings include 3/32”, 3/16”, 1/8”, 1/4”, 3/8”, 3/4”, 1-/12”, and 3”
 - Plastic is acceptable, color doesn’t matter
 - The architectural scale is not the same as an engineering scale
- 12" adjustable triangle
- ALVIN rolling parallel ruler, 12”
- Circle template; 1/16” to 2.25” diameters
- White plastic (vinyl) eraser; Staedtler or Pentel are recommended
- Tracing paper roll (18” width, and 12” also recommended)
- Ream of 11” x 17”, 20lb “copy” paper
- Small supply toolbox OR tool bag (large enough for most required tools and small enough to carry to studio)

Model Making Supplies:

- X-Acto precision knife handle for use with #11 Blades
- X-Acto #11 blades; pack of 50
- Utility knife or similar (Olfa brand is recommended)
- General purposes scissors, 8” (Fiskars brand is recommended)
- Self-healing cutting mat (12”x18” min)
- Cork-backed metal ruler or AlumiCutter ruler (12” or 18”) for cutting safety
- Tacky glue such as Aleene’s or Delta Sobo white glue (8oz)
- Full-size (7/16”) glue gun with (2) temperature settings
- 7/16” (.43”) diameter glue sticks
- 1” wide white masking tape

Optional:

- Kevlar lined cut resistant gloves. If you’re new to using cutting tools and making models

*** Your syllabus will note any additional supplies you may need*