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 1st-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 utilize.

ENVD recommends a Windows operating system. 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:

Drafting/Drawing Supplies:
- Sketchbook- minimum of 5" x 7" (Moleskin or similar brand recommended)
- Sketch pencils (2H, HB, 2B minimum)
- Portable pencil sharpener
- 0.5 mm mechanical drafting pencil (additional lead widths and hardness recommended)
- Three-sided architectural scale
- Three-sided engineering scale
- 30/60° triangle
- 45° triangle
- White plastic (vinyl) eraser
- Erasing Shield
- Set of four pigment liners in sizes 0.5mm, 0.35 (or 0.3), 0.1, and 0.05 (Micron or Staedtler)
- Drafting tape/dots (1⁄2" wide blue painter's tape works as well)
- T-Square (minimum 24" length)
- Trace paper roll (18" width, and 12" also recommended)
- Small supply toolbox (large enough for most required tools and small enough to carry to studio)

Model Making Supplies:
- Xacto No.1 precision knife with several #11 Blades
- Olfa utility knife or similar utility knife
- Sharp scissors
- Kevlar lined cut resistant gloves
- Self-healing cutting mat (12"x18" min)
- Cork-back metal ruler or AlumiCutter ruler (18")
- Tacky glue such as Aleene's or Delta Sobo white glue (8oz)
- Mini high-temp glue gun
- Roll of white duct tape

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