**Lab Equipment List**

The Built Environment Innovation Lab is staffed by trained professionals during all hours of operation. It is equipped with dust collection systems that capture dust from most of the stationary machinery.  Additional dust collection is addressed with a network of ambient air filtration units located around the lab. The equipment in the Woodshop includes the following:

* Band Saws – multiple saws of various sizes, set up to make a variety of types of cuts
* Computer Numerically Controlled (CNC) routers
  + 3-axis
  + 5-axis
* Sanding
  + Combination Belt and Disk Sanders
  + Edge Sander
  + Oscillating Spindle Sander
  + Wide Belt Drum Sander
  + Hand power sanders
  + Downdraft tables
* Power Carving – rotary and reciprocating power carvers
* Hand Power Tools – Circular saws and track saw, Pneumatic nailers, etc.
* Woodworking Hand Tools – planes, hand saws, chisels, carving tools, files, rasps, etc.
* Joiner – flatten rough lumber
* Thickness Planer – make a second face smooth and parallel to the first  
  Panel Saw – break down larger sheets of material into smaller pieces
* Sliding Compound Miter Saw and Radial Arm Saw – crosscut long lumber shorter
* Scroll Saws – make fine or curvy or inside cuts
* Layout Tools – many different measuring and marking tools for project layout  
  Clamps – many different types