



Welcome to PRL Room 36!

Lab description

Room 36 is a place where students are provided the coaching support and physical space to explore, share, and give tangible form to their ideas, concepts, and visions through hands-on prototyping and model making. Room 36 is a collaborative workspace open to students of years and majors.

How to use the lab

1. Sign up on Webshop (webshop.stanford.edu)
2. Attend a 15 minute safety and lab orientation in Room 36 (look for any open Room 36 session on Webshop, and look at the posted safety schedule-no reservations required).
3. Pay lab fee: 1 qtr (\$40), 2 qtrs (\$70), or 3 qtrs (\$90). Day passes are available for \$10
4. Hours (generally): Monday-Saturday with 4-hour sessions: 8am-noon, 1pm-5, 7pm-11. Full schedule will be posted on Webshop and updated weekly.
5. Note: Students with a valid PRL pass and safety orientation can also use Room 36.

Tools and Materials

Room 36 is focused on lighter materials and tools than the main Product Realization Lab.

Tools:

- FDM (fused deposition modeling) rapid prototyping machine
- laser cutter (24"x18" bed, 30W)
- CNC vinyl cutter and heat transfer press
- electronics prototyping (test equipment, soldering, etc)
- sewing machines (one industrial machine for heavy or challenging materials)
- band saw
- scroll saw
- drill press
- heat forming tools for plastic
- ample X-Acto knives and cutting surfaces

Materials:

- plastics
- wood
- cardboard
- foam core
- fabric
- foam

Room 36 stocks many commonly used materials and components for purchase, though many materials are also stocked and available for free usage.

For more information, check out Room 36 on the PRL website at prl.stanford.edu or email Marlo Kohn at marlod@stanford.edu