MAKERSPACE

CHECKLIST

PROTOTYPING & PRINTING

- ☐ 3D Printer
- ☐ Subtractive Rapid Prototyping Machine
- ☐ CNC Router
- ☐ Laser Engraver/Cutter
- ☐ Large Format Print/Cut Machine
- ☐ Vinyl Sign Cutting Machine
- ☐ Industrial Embroidery Machine
- ☐ Direct-to-Garment Printer

METAL WORKING

- ☐ CNC Plasma Cutter
- ☐ CNC WaterJet Cutter
- ☐ Welders
- ☐ Welding Stations/Tables
- ☐ Metalworking Tools
- ☐ Metalworking Equipment
- ☐ Ventilation System
- ☐

WOODWORKING

- ☐ Work Benches
- ☐ Tools and Pegboard Storage
- ☐ Table Saw
- ☐ Drill Press
- ☐ Planer
- ☐ Jointer
- ☐ Lumber Storage Rack
- ☐ Dust Collection Unit

SOFTWARE

- ☐ Mechanical 3D Modeling Software
- ☐ Graphic Design Software
- ☐ CAD/CAM Software
- ☐
- ☐
- ☐
- ☐
- ☐

5 ESSENTIAL TIPS

For Designing Your Custom Lab

SPACE UTILIZATION

Design, fabrication, or both? Consider where lab users will be designing verses making… will that space be shared or separated? How you plan to use the space will determine your spatial flow

DIRTY VS. CLEAN

"Dirty" equipment includes drill presses, table saws, other manual tools, and CNC lathes, mills and routers. "Clean" equipment includes 3D printers, laser cutters, large format printers/cutters and computers.

NOISE CONTROL

If noise is a big concern, an enclosed system may be the answer. An enclosed machine will help keep noise levels down while lab users are concentrating on their designs. Separating spaces may also be an option.

POWER & ELECTRICAL REQUIREMENTS

Be sure to read equipment datasheets in detail to understand power requirements. Not all equipment will run off a standard 120v electricity. Finalize your lab layout after working with an electrician.

FURNITURE

Furniture is a critical part of the overall usability of the space – be sure to consider functionality as well as aesthetics. Furniture with storage options and durability to fit the needs of the space will work best.