

MICHAEL GRAVES COLLEGE - COMMUNAL MAKING SPACE

Power Tools Voltage Requirements

Model Shop for Woods | 3500 square feet

Large air compressor	110V
Overhead ventilation	240V
Table Saw (Saw Stop 3HP)	240V
4x 14" bandsaw (2 wood/2 plastic)	115/230V
2x 18" bandsaw (1 wood/1 plastic)	115/230V
Jigsaw	110V
2x 6" belt sander	115V
2x 10" or larger disc sander	115V
Oscillating spindle sander	115V
Router and router table	120V
Wood lathe	220V
3x Drill press	115/230V
Bench grinder	115V
Buffing wheel	115V
4x Downdraft table for Sanding	115V & 220V
Thickness Planer	230V
Hot wire cutter - Prof grd	110V
Outlets - Multiple/Suspended	Standard
Extra portable lighting w/ clips	Standard

Model Lab for Metals | 1500 square feet / ventilation system

Roller Bender	110V & 220V
Wire Bender	110V
24" or larger bandsaw for metal	110V
Metal lathe & Mill	110V
MIG Welding	115V
TIG Welding	115V or 230V
Spot Welder	110V

Digital Fabrication Lab | 1000 square feet / ventilation system (lasers)

Wazer Waterjet cutter	110 - 120V
CNC machines both 4'x8' bed	240V
Desktop CNC (quantity 2-3)	110V
Large scale CNC Kuka Robotic arm	230V
3D printers	110V
Objet Prof grd 3d printer	110-240V
One prof grd laser cutter	110-240V
One desktop laser cutter	110V
Vacuum Former	208-240V
Computer equipment	110V