



- ① **Stlatyzy 3D Printer F270 Requirements:** One PC Windows 7 or 8 minimum 8 gb Ram recommended 100/120/150 A or 200-240V/74 50/60 Hz. Software GrabCAD required (Dedicated circuit required)
- ② **FormelSculpt: Wood Router Requirements:** Floor space 2' more than built room 50x50x50" Power requirements 110/120V/20A (Dedicated circuit) One PC, Windows 10, 8gb ram.
- ③ **Universal Laser Cutter VLS8.6 Requirements:** 110V/10A Laser interface software required offered through Fusion group Computer requirements windows 7, 64 bit, 8gb ram recommended. (Dedicated circuit required)
- ④ **Roland TruVis 5300 wide formatjet printer/cutter:** MAC/BOOTCAMP OS, PC windows 7 64x (minimum) 8gb ram PC 100 base I recommended. CATS or higher ethernet cable. Power requirements AC 100/120V + 10%, 3-4A 50/60Hz Software All Adobe Post/Programs under SCC Licenses
- ⑤ **MDX-50 Benchtop CNC Power:** 100/240V + 10% 50/60Hz 1.2A power consumption 95W (overvoltage Category II, IEC 0064-1) Software OS Windows 10, 64 Bit, 8gb ram AutoCAD, Creo parametric. Display resolution 16bit color 1024x768 or better (Dedicated Circuit required)
- ⑥ **Formech 508DT Power Requirements:** Single phase 208/240 13A 3200 watts (Dedicated circuit required) No PC required
- ⑦ **3D Printing Station Requirements:** MAC/BOOTCAMP +4, 8GB RAM Windows 7, 64x Software: AutoCAD, CREO, MDX, FUSION360 Power requirements 3 Quad receptacles 120V/20A
- ⑧ **Sewing Station Requirements:** Power N/A, Computers N/A.
- ⑨ **Solder/Worlbench Station:** Power: 1 Duplex receptacle 120V/20A, PC N/A
- ⑩ **Cutting Station:** 1 Bench Grinder, 2 Bench Vice, 1 Circular Cutter, 1 Bench Drill Press. Power: 2 120V/20A receptacles, PC N/A
- ⑪ **Table Saw Station:** 1 Duplex Receptacle 120V/20A, PC N/A
- ⑫ **Design Space:** MAC/BOOTCAMP +3, Software: AutoCAD, MDX, Adobe, CREO, FUSION360 Hardware: 8GB RAM, Windows 7, 64x.
- ⑬ **Digital Work Station:** Power 1 Duplex receptacle 120V/20A, PC N/A
- ⑭ **Digital Multimedia station:** Power 1 Duplex receptacle 120V/20A, 1 MAC Adobe suites
- ⑮ **Digital Class Instructors Workstation Requirements:** MDX, Adobe suites software, bootcamp required for engineering design/iv all cad software. All other requirements are already met with existing space
- ⑯ **COS-109 Makerspace Project Lead Office:**
- ⑰ **Milling Station:** 1 Duplex Receptacle 120V/20A, PC N/A
- ⑱ **Harbor Freight Blower Bag Dust collector:** Requires 120V/15amp non-dedicated circuit



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Sacramento City College MakerSpace
Makerspace Specs

Project Number	001-001
Date	8/18/2017
Drawn By	Mathew Vandiver
Checked By	Tom Cappelletti

A1.4

Scale	$3/16" = 1'-0"$
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