

Fab Lab Start Up Budget

Fab Lab Start up

Note: this is for low end

Assumes all purchases made and shipped from US Model/Description

YEAR 1

Price (in USD)

SPACE RENTAL	\$1000/month	\$12,000
UTILITIES		
Electric/Heat		\$6,000
Phone		\$2,700
INTERNET ACCESS		
DSL connection		\$720
ADMINISTRATION		
Postage		\$0
Office Supply		\$0
Office Equipment	phones, fax, computers, copiers	\$6,000
Janitorial		\$0
Advertising		\$1,500
Printing		\$0
PERSONNEL:		
Lab Managers	2 staff fulltime \$1500/month =	\$36,000
EQUIPMENT:		
Epilog Laser Cutter	Mini 24" x 12" 35W	\$20,000
Shop Bot 4'X8' router	Shop Bot PRS Standard Spindle: HSD 4HP ... router bit starter kit crating fee (International)	\$13,295 \$3,295 \$195 \$450
Roland Vinyl/Circuit cutter	GX-24	\$1,995
Roland NC Milling Machine	MDX 20	\$4,495
Computers (10 at \$1,077.80ea) (10 @ \$350ea)	dedicated computers and lowcost 17" Dell, flat Screen	\$3,000 \$3,500
Minimal software (if choose to buy, Sketchup, etc.)		
SHOP TOOLS:		
Scroll Saw	DeWalt DW788S 20"	\$550
Hand tools	wrenches, screw drivers, etc.)	\$1,500
Electronics consumables	attached)reduced.. from 6000 Arduino Based Eletronics	\$6,000

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Machine tools and consumables	(see attached for details)	\$7,000
Lab Bench Equipment:		
Function Generator	Instek SFG-2010	\$380
Oscilloscope	TEKTRONIX TDS1002	\$995
Power Supply	BK 30V 2.5A triple output	\$189
Soldering Station	N WES Analog solder stations	\$300
Heat Gun	Weller	\$150
Teaching & Documentation Tools:		
Printer/Scanner	HP OfficeJet 6210 All-In-One	\$400
Polycom Conference System	PolyCom V500 IP-Only	\$0
Projector	70+ Projector DLP XGA 1400	\$0
Fab Materials:		
Acrylic for Laser Cutter		\$3,000
Wood for laser		\$1,200
Wood for ShopBot (minimal)	n number of users & projects)	\$8,000
Machine Wax		\$355
3D Casting material		\$200
Permacel transfer adhesive		\$175
Adhesive Copper Foil		\$450
CEM circuit board stock		\$425
Masking tape		\$250
Epoxy film on liner		\$175
Vinyl rolls (4)		\$300
Networking equip and supplies:	PC Connection (see attached)	\$800
Misc consumables	paper, pens, art supplies, pow	\$200
Annual Repairs		\$0
Installation and training		\$0
VAT & Shipping for International labs		\$50,000
GRAND TOTALS	Year 1 total domestic	\$198,139