

Job Title	FabLab Technician
PVN ID	LA-1708-001987
Category	Instruction and Social Service
Location	LAGUARDIA C. C.
Department	NYDesigns
Status	Part Time
Salary	Depends on qualifications
Hour(s) a Week	0.00-19.00
Closing Date	Mar 14, 2018 (Or Until Filled)

General Description

Founded in 2006, NYDesigns is dedicated to the success of design and hardware tech startups in NYC. Companies in our incubator get three years of private studio space and access to a network of mentors and advisers. Makers can prototype their design ideas in our safe, secure, 5,000-sq-ft fabrication lab. We produce events and programs for a thriving community of creators and innovators.

The NYDesigns FabLab offers laser cutting access and services, and custom fabrication for entrepreneurs and small businesses in the creative industries. The workshop features a wide range of tools, including two CNC milling machines, a 100W large-format Trotec laser cutter, a Dimension 1200 FDM 3D printer, CNC lathes, and a standard suite of tools.

NYDesigns seeks a FabLab Technician to manage the day-to-day operations of the lab. The Technician will be directly accountable for ensuring the safe and effective operation of the facility and all equipment on a daily basis.

Key Responsibilities:

- Supervise and monitor all activities in the FabLab
- Ensure all lab work areas are clean and safe, making sure materials are stored appropriately by FabLab members
- Maintain all equipment, changing and repairing components as needed
- Create and update inventory of all tools and materials and submit replacement requests as needed
- Train incoming FabLab members on safety procedures and proper use of equipment and tools, and supervise members on an ongoing basis to ensure safety
- Assist in preparing bids for laser cutting jobs for FabLab clients
- Periodically teach laser cutting tutorials
- Support lab and program activities as needed

Other Duties

Qualifications

- 5-7 years of relevant professional experience and strong technical experience
- Associate or Advanced degree in a design or STEM field preferred
- Familiarity and experience working with equipment such as:
 - Laser cutters, CNC routers, 3-D printers, vacuum formers, table saws, lathes, sanders, drill press, power tools, and all associated equipment
- Proficiency with image editing, CAD/CAM applications, and design software including Adobe Suite
- Excellent communication skills
- OSHA 30-Hour General Industry certification
- First Aid and advanced safety training preferred
- Ability to lift up to 50 pounds on a regular basis