

<b>Job Title</b>	FabLab Technician
<b>PVN ID</b>	LA-1903-002991
<b>Category</b>	Research
<b>Location</b>	LAGUARDIA C. C.
<b>Department</b>	NYDesigns
<b>Status</b>	Full Time
<b>Annual Salary</b>	\$45,000.00
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	May 07, 2019 (Or Until Filled)

## General Description

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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. We are a program of LaGuardia Community College / CUNY.

NYDesigns seeks a FabLab Technician to organize and maintain the FabLab space and equipment, support maker related programming, and perform custom fabrication for entrepreneurs and small businesses in the hardware tech and 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.

### Key Responsibilities:

- Monitor and coordinate 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 custom jobs for FabLab clients
- Periodically teach making and equipment use tutorials and workshops

## Other Duties

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- Support program activities as needed

## Qualifications

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- 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 graphic design and CAD/CAM applications
- 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