

Job Title:	3D Printer Operator – Level 2
Reports To:	Service Bureau Lead
Department:	Service Bureau

Job purpose

This position works with Titan’s lead 3D printer operator and engineers as part of Titan’s 3D printing Service Bureau. The position includes operating and maintaining Titan’s 3D printers, preparing files, materials and machines for printing, cleaning/post processing parts and material handling. As a 3D Printer Operator, you will become an expert in polymer 3D printing on Titan’s machines and assist with 3D printing customers’ parts and testing new materials. This position is key to maintaining increased “up time” on Titan’s 3D printers and growing Titan’s 3D printing services department.

Duties and Responsibilities

- Prepare 3D files (STL files) for printing by slicing files using Simplify3D slicing software
- Operate Titan’s Atlas 3D printers by preparing the machines for printing, starting prints, monitoring prints and removing parts once printing is finished
- Perform routine maintenance and repairs on Titan’s 3D printers
- Prepare plastic pellet and filament materials for printing, including proper drying procedures and loading into the printer
- Inventory management of materials and consumables for printing
- Post processing of 3D printed parts, including manual support removal, sanding and coating processes
- Perform Quality Control checks on 3D printed parts, including operating laser scanner
- Maintain thorough documentation of printing projects and processes
- Packaging and shipping parts to customers
- Keep Service Bureau shop area clean and organized

Qualifications

- Some 3D Printing or similar machine operation (ie. CNC) experience preferred
- High School Diploma or equivalent required
- Experience in 3D modeling, or CAD, a plus but not required
- Experience with 3D printing slicing software Simplify3D or similar software a plus
- Must have strong troubleshooting skills and ability to identify and resolve technical issues
- Must have great communication skills
- Ability to maintain and create documentation, strong organizational skills
- Must have manual dexterity, ability to operate hand tools and power tools
- Valid US driver license

Working conditions

This is a full-time position requiring 40 hours per week Monday through Friday. Some over time, weekends and evening work may be required in special and rare circumstances. The work environment will be in a warehouse/shop environment and an office environment. This position may require traveling out of the state on rare occasions; travel may be on short notice and traveling on weekends may be required. This position may involve some customer interaction and requires speaking and acting in a professional manner with clients.

Physical requirements

This position requires lifting objects up to 75 pounds on a regular basis, standing and or sitting for extended periods of time. You may be required to work in confined spaces, from heights and in an environment with moderate to loud noise levels. This position will require use of Personal Protective Equipment, including wearing a respirator in some instances, gloves, eye protection, hard hats, etc. This position requires wearing a face covering or mask when in the Company facility or traveling on Company business.

Job Basics

- Wage Range: \$17 - \$22 per hour
- Full Time: 40 hours per week
- Non-Exempt: Eligible for Overtime after 40 hour work week
- Group Insurance: Eligible for Company Medical, Dental and Vision insurance plans
- Paid Time Off: PTO accrual plan (6 days in first year) and 6 paid Holidays
- Employer Paid Life Insurance, Short-Term and Long-Term Disability insurance included
- Eligible for Company 401k Plan