

**CAREERS@ULEC**

**Program:** Urban League of Essex County Tech House  
**Position/Title:** Part-Time 3D Printing Instructor  
**Location:** 152 Littleton Avenue, Newark, NJ 07103  
**Hours:** Saturdays 9:30am – 4:00pm  
**Hourly Rate:** \$30/hr  
**Reports To:** Director of Urban League of Essex County Tech House

**Basic Functions:**

Design and develop curriculum for 3D printing courses, ensuring a structured, and progressive learning experience. Keep abreast of industry trends and technological advancement to update and enhance course content.

**Responsibilities:**

- Conduct engaging and informative 3D printing classes for diverse groups of learners, adapting teaching methods to accommodate various learning styles.
- Provide hands-on demonstrations and practical exercises to reinforce theoretical concepts.
- Demonstrate a deep understanding of 3D printing technologies, including hardware, software, materials, and post-processing techniques.
- Stay informed about the latest developments in 3D printing technologies and share relevant information with students.
- Oversee the maintenance and troubleshooting of 3D printers and related equipment used in instructional settings.
- Instruct students on proper usage, maintenance, and safety protocols.
- Evaluate student performance through assessments, projects, and practical exams.
- Provide constructive feedback to help students improve their 3D printing skills.

**Qualifications:**

- Proven experience with 3D printing technologies and processes.
- Strong communication and interpersonal skills.
- Teaching or training experience is preferred.
- Familiarity with 3D modeling software (e.g. Autodesk Fusion 360, TinkerCAD, and Blender) is a plus.
- Certifications in 3D printing or education are beneficial.
- Strong interpersonal skills with the ability to act effectively as a member of a team.
- Experience working with students from diverse academic backgrounds and life experiences.
- Is fully committed to the mission and values of the Urban League of Essex County.

**How To Apply:** E-mail resume/CV and cover letter to [jsantos@ulec.org](mailto:jsantos@ulec.org) AND [careers@ulec.org](mailto:careers@ulec.org).  
In the subject line, write **3D Printing Instructor**.

**Equal Opportunity Statement:**

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected veteran status.

*The Urban League of Essex County is an Affirmative Action/ Equal Opportunity Employer.*