

*Manufacturing Works is a non-profit economic development organization based in Cleveland, OH with local, regional, statewide, and national programs. Our mission is to strengthen manufacturing to create healthy communities and fuel economic growth. We do this through programs in manufacturing growth and improvement, industrial redevelopment, and workforce development and training for youth and adults.*

**Reports to:** Senior Manager of Youth Workforce Development

### POSITION OVERVIEW

The Manufacturing Works Technical Corps Program (TCP) is a service opportunity through Encore Cleveland whose mission is to channel the time, energy, and talents of experienced Clevelanders into solving community challenges and filling unmet needs. Funding for this program comes from a generous grant of The Cleveland Foundation.

This position is designed to engage adults who are experienced technicians with the high school manufacturing-focused programs (Manufacturing Design, Machining, and Welding) in the capacity of subject matter experts and teacher assistants.

| Technician skills:   | Example of Classroom Project and Work:                |
|----------------------|---|
| Welding              | Class projects and AWS Certification assistance       |
| Machining            | Class projects and NIMS Certification assistance      |
| Manufacturing Design | Class design projects on 3D CAD software and robotics |

### QUALIFICATIONS

#### Experience:

| Technician skills:   |  |
|----------------------|--|
| Welding              | MIG, TIG, and Flux Cored welding, cutting, blueprints, and measurement |
| Machining            | Manual and CNC machining, blueprints, and measurement                  |
| Manufacturing Design | 3D CAD software in the manufacturing industry                          |

#### Education:

High School Diploma

#### Skills and Requirements:

1. Interest and ability of working with high school students
2. Candidates must be able to pass school criminal history check
3. Commit to a minimum of one academic semester (approximately 16 weeks)
4. Previous technical experience related to course of study or other relevant experience

### COMPENSATION

TCP Members will be compensated a stipend of \$20 per hour for a maximum of 15 hours per week (negotiable)

### CONTACT

For an application, please contact Jessica Westropp, Senior Manager of Youth Workforce Development, at 216.588.1444 or [JWestropp@mfgworkscl.org](mailto:JWestropp@mfgworkscl.org)

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