



## **Manufacturing Engineer Apprentice Position**

**BACKGROUND:** The NWIRC is a non-profit management consultancy of the U.S. Department of Commerce and the Pennsylvania Department of Community and Economic Development that assists in the health and vitality of manufacturing businesses in the Northwest Pennsylvania region. The Advanced Manufacturing Apprenticeship Program is designed to assist manufacturers accelerate product and/or technology development by connecting manufacturers with STEM (Science, Technology, Engineering, and Math) college students to conduct project-based work.

Our client is in search of a Manufacturing Engineer Apprentice to complete the following:

**OBJECTIVES:** The qualified apprentice will drive continuous improvement and waste reduction by planning new processes workflows manufacturing and identifying and implementing improvement to existing processes, and new process workflows as new product lines emerge. During the duration of this position, the apprentice will be responsible for, but not limited to:

- Create and manage process documentation such as work instructions and set-up instructions.
- Optimize the manufacturing process to improve quality and material flow, while reducing cycle times and set up times.
- Update plant layouts in AutoCAD.

**REQUIREMENTS:** Candidates are required to be currently enrolled in an accredited college or university, and shall be pursuing a four-year degree in Mechanical, Electrical, or Industrial Engineering; and ability to work at a Venango County facility. Prior manufacturing experience a plus. Understanding of lean manufacturing, JIT, OEE, line sequencing, KANBAN, etc. Must possess strong computer skills.

Minimum required cumulative GPA of 3.0 on a 4.0 scale.

**TIMEFRAME:** January 2016 through August 2016. Successful apprentices have the potential for full-time employment opportunities with this growing manufacturer.

**PAYRATE:** Minimum \$12.00 per hour depending upon experience, knowledge and skills.

**CONTACT:** Qualified candidates are to apply online at [www.nwirc.org/apprentice](http://www.nwirc.org/apprentice). Please direct all inquiries about this advanced manufacturing apprenticeship opportunity, including requesting further detailed description of essential job function, to Gretchen Reinard via email [greinard@nwirc.org](mailto:greinard@nwirc.org).