Definition of Class
The incumbent installs, modifies, maintains, operates and repairs a variety of manufacturing equipment for the Center for Manufacturing Excellence. Incumbent provides training to students on proper use and safe operation of equipment on CME factory floor.

Examples of Work Performed:
Operates a variety of equipment for processing metals, polymers, wood and/or composites.

Installs production equipment, makes equipment modifications as needed, and provides maintenance of equipment (manual and CNC).

Works from verbal or written instructions, plans, drawings and specifications provided to produce a given object.

Develops instructional manuals for use in educating students on proper equipment operation.

Provides training to students demonstrating proper use of equipment.

Participates in the development of safety manuals for student use and provides training sessions on safe use of equipment.

Implements safety test-out methods that students must pass before being allowed to use equipment.

Works with equipment suppliers to determine best equipment and practices for manufacturing efforts.

Collaborates with the Toyota Production System (TPS) staff to determine best practices and implements best practices on the factory floor.

Performs related or similar duties as required or assigned.

Essential Functions
These essential functions include, but are not limited to, the following. Additional essential functions may be identified and included by the hiring Department.

1. Installs, modifies, maintains, operates and repairs a variety of production equipment on the factory floor for processing metals, polymers, wood and/or composites.

2. Trains students regarding proper use of equipment and safety requirements.

3. Participates in development of best practices for operation of equipment on factory floor.

Minimum Qualifications
These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to the University of Mississippi's Department of
Human Resources in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

**Physical Requirements:** These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements.

- **Physical Exertion:** The incumbent may be required to lift up to approximately 75 pounds.

- **Vision:** Requirements of this job include close vision and color vision.

- **Speaking/Hearing:** Ability to give and receive information through speaking and listening.

- **Motor Coordination:** While performing the duties of this job, the incumbent is frequently required to use hands to finger, handle or feel objects, tools, or controls; walk; climb or balance; and stoop, kneel, crouch or crawl. The incumbent is regularly required to stand; talk or hear; and reach with hands and arms. The incumbent is occasionally required to sit; taste and smell.

**Experience/Educational Requirements:**

- **Education:** Associate’s Degree in Industrial Technology or related field.

  AND

- **Experience:** Eight (8) years of experience related to the above-described duties.

  **Substitution Statement:**
  Related education and related experience may be substituted on a basis set forth by the Department of Human Resources.

**Interview Requirements**
Any candidate who is called for an interview must notify the Department of Human Resources in writing of any reasonable accommodation needed prior to the date of the interview.

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