Job Title: Mechanical Engineer I

BCAT Code: 09NX29  Effective Date: April 1, 2007
Pay Grade: G17   FLSA Status: Exempt  Revision Date: July 1, 2013

General Description
Provides engineering and technical services in support of the Facilities Maintenance & Operation Department. Works with departmental engineers, technicians, and skilled tradesmen to ensure the reliable, efficient, and cost effective execution of the departmental mechanical and electrical maintenance program.

Examples of Duties
- Develops and implements engineered solutions to maintenance problems.
- Supervises skilled technical crafts workers.
- Oversees, upgrades, and maintains computer software in support of the University Direct Digital Control (DDC) system for HVAC equipment or systems.
- Reviews and evaluates specifications and drawings for the installation of new mechanical and/or electrical equipment and systems.
- Participates in planning for the retirement of the deferred maintenance list.
- Performs non-destructive tests to study efficiency as well as mechanical and/or electrical conditions of large mechanical equipment.
- Represents Facilities Maintenance & Operation in meetings, and matters concerning the campus wide maintenance of mechanical and/or electrical equipment and systems.
- Performs other related duties as assigned.

Knowledge, Skills and Abilities
- Knowledge of heating, ventilating, and air conditioning (HVAC).
- Knowledge of word processing, spreadsheets, and database programs.
- Ability to work in confined areas, such as tunnels and pits.
- Ability to work under pressure and handle stressful situations.
- Ability to supervise and direct the work of others.
- Ability to plan work to avoid delays and wasted man-hours.
- Ability to communicate effectively both verbally and in writing.

Minimum GSU Hiring Standards
Bachelor's degree in Mechanical Engineering or Mechanical Engineering Technology and three years of related experience; or a combination of education and related experience.

The above is a general description of duties performed by employees holding this job title and does not represent a complete list of duties that may be assigned to an employee.