



Job Specification

Job Title: Mechanical Engineer I
BCAT Code:452X AE
Pay Grade: G17

Effective Date: April 1, 2007
Revision Date: February 1, 2007
FLSA Status: Exempt

General Description

Provides engineering and technical services in support of the Facilities Maintenance & Operation Department, mechanical and electrical maintenance function. Works with departmental engineers, technicians, and skilled tradesmen to ensure the reliable, efficient, and cost effective accomplishment 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's Direct Digital Control (DDC) system for HVAC equipment/systems.
- Reviews and evaluates specifications and drawings for the installation of new mechanical/electrical equipment and systems.
- Participates in planning for the retirement of the deferred maintenance list.
- Performs non-destructive test to study efficiency as well as mechanical/electrical conditions of large mechanical equipment.
- Represents the Facilities Maintenance & Operation in meetings, and matters concerning the campus wide maintenance of mechanical/electrical equipment and systems.
- Performs other related duties as assigned.

Knowledge, Skills and Abilities

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

Minimum GSU Hiring Standards

Bachelor's degree in Mechanical Engineer or Mechanical Engineer Technology and three years of related experience; or a combination of education and 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.