Job Title: Mechanical Engineer II

BCAT Code: 09NX30  Effective Date: April 1, 2007
Pay Grade: G19  FLSA Status: Exempt  Revision Date: July 1, 2013

General Description
Provides technical expertise in mechanical matters, plumbing, and fire protection to the University, such as HVAC, ductwork, piping, controls, energy management systems, fire protection, etc. Reviews engineering proposals, design drawings, written specifications, and shop drawings submitted by consultants and contractors.

Examples of Duties
- Reviews and oversees mechanical designs and shop drawings prepared by contract consultants and contractors for code compliance.
- Participates in the selection and hiring of consultants, and in the preparation of construction documents.
- Provides engineering consultation to Facilities and other departments concerning HVAC, energy management and other mechanical issues.
- Oversees the construction of assigned mechanical and construction projects.
- Prepares and manages architectural, engineering and construction administration contract agreements between the University, design professionals and contractors.
- Prepares cost estimates for design and construction related capital project budgets.
- Manages project budgets and the scheduling.
- Provides input into determining what projects are to be funded each year.
- Performs other related duties as assigned.

Knowledge, Skills and Abilities
- Knowledge of construction industry standards and codes for construction and good engineering practice.
- Knowledge in 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 verbally and in writing.

Minimum GSU Hiring Standards
Bachelor's degree in Mechanical Engineering or Mechanical Engineering Technology and four 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.