Title: Sr. Facilities Automation Systems Engineer

Essential Function
Under general supervision from a designated administrator, responsible for controls system designs, installs, operations, maintenance and upgrades campus wide to provide an efficient and reliable production and distribution. Provide direct technical support to exempt and/or non-exempt staff on control systems.

Characteristic Duties

- Manage all controls system designs, installation, operations, maintenance and upgrades campus wide to provide an efficient and reliable distribution system.
- Execute system programming, create program flow charts, logic diagrams, controls narrative documents, etc.
- Provide direct technical support to exempt and/or non-exempt staff on meter operation, installation and trouble-shooting to ensure that all control systems are functioning properly.
- Design and program control systems, draw schematics as needed.
- Install, repair, maintain, and/or modify IT equipment /systems that interface with current systems.
- Complete projects to upgrade and modify hardware and software to support operational requirements.
- Coordinate the installation, testing, calibration, maintenance and repair of all makes and types of control system devices for the university.
- Develop trend reports and review data to verify proper system operations.
- Investigate customer satisfaction and measurement-related complaints and correct malfunctions.
- Design and implement projects to reduce energy consumption in buildings.
- Manage special projects as assigned and ensure project completion. (i.e., order controls, write programming, coordinate with outside contractors, etc.)
• May provide direct supervision to exempt and non-exempt staff (i.e., hiring/firing, performance evaluations, disciplinary action, approve time off, etc.).

• Perform related duties based on departmental need.

Unusual Working Conditions
May be exposed to dirt, fumes, noise, heights, confined spaces, and dangerous machinery; may be exposed to high temperatures, steam or hot water.

Minimum Qualifications
Bachelor’s degree with five (5) years experience; -OR- Associate’s degree with seven (7) years experience; -OR- nine (9) years experience. Experience must include at least three (3) years supervisory experience.

New: September 2012