AUBURN
Human Resources

Energy Engineer I

Job Description

JOB INFORMATION

Job Code	JA09A
Job Description Title	Energy Engineer I
Pay Grade	FM14
Range Minimum	$52,000
33rd %	$62,400
Range Midpoint	$67,600
67th %	$72,800
Range Maximum	$83,200
Exemption Status	Exempt
Approved Date:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	3/29/2023

JOB FAMILY AND FUNCTION

Job Family:	Facilities, Maintenance, & Operations
Job Function:	Utilities

JOB SUMMARY

Plans, organizes, and implements an Auburn University-wide energy management and conservation program.

RESPONSIBILITIES

- Provides technical review and assistance in contracting for purchased utilities, including electric, gas and water.
- Interfaces with representatives of utility companies regarding services and programs available.
- Provides assistance to utility and mechanical managers to optimize energy savings opportunities such as energy audits and developing load profiles for buildings and works toward developing efficient operations of buildings and utility plants.
- Develops and implements energy conservation plans on campus to reduce overall consumption and costs, updating these measures at least annually.
- Prepares an annual campus energy budget and assists in the preparation and monitoring of capital and operational budgets for utility expenditures.
- Develops departmental short and long term energy goals and objectives for projects by analyzing strengths, weaknesses, opportunities and constraints to give direction in successfully meeting these goals.
- Provides technical review of architectural plans and specifications regarding lighting, HVAC and controls of new and renovation designs to ensure energy efficiency.
- Communicates and coordinates regularly with appropriate others to maximize the effectiveness and efficiency of interdepartmental operations and activities on campus.
- Works on energy projects that lead to reduced and more efficient energy usage in new and older buildings on campus.

The responsibilities listed above show the typical duties for jobs in this classification. Actual tasks may differ depending on the department's needs. Other similar duties may be assigned with discretion of the supervisor. Not every duty will apply to every position, and the amount of time spent on each task can change based on department needs.

SUPERVISORY RESPONSIBILITIES

Supervisory Responsibility	May supervise employees but supervision is not the main focus of the job.

MINIMUM QUALIFICATIONS

To be eligible, an individual must meet all minimum requirements which are representative of the knowledge, skills, and abilities typically expected to be successful in the role. For education and experience, minimum requirements are listed on the top row below. If substitutions are available, they will be listed on subsequent rows and may only to be utilized when the candidate does not meet the minimum requirements.

MINIMUM EDUCATION & EXPERIENCE

Education Level	Focus of Education		Years of Experience	Focus of Experience	
Bachelor's Degree	Degree in Engineering or closely related field	and	0 years of	Experience in engineering and energy economics and practices	

Substitutions Allowed for Experience	Yes
Substitution allowed for Experience: When a candidate has the required education, but lacks the required experience, they may normally apply additional appropriate education toward the experience requirement, at a rate of one (1) year relevant education per year of required experience.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Continuing developmental level.	
Limited exercise of judgment required when less common methods or procedures are necessary.	

PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category:	Other

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Standing				X		
Walking			X			
Sitting				X		
Lifting	X					
Climbing			X			
Stooping/ Kneeling/ Crouching			X			
Reaching			X			
Talking				X		
Hearing				X		
Repetitive Motions			X			
Eye/Hand/Foot Coordination			X			

WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Extreme cold			X		
Extreme heat			X		
Humidity			X		
Wet			X		
Noise			X		
Hazards			X		
Temperature Change			X		

WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Atmospheric Conditions			X		
Vibration			X		

Vision Requirements:
Ability to see information in print and/or electronically.