AUBURN
Human Resources

Prin Research Scientist/Eng VI

Job Description

JOB INFORMATION

Job Code	HC49F
Job Description Title	Prin Research Scientist/Eng VI
Pay Grade	RE14
Range Minimum	$113,810
33rd %	$151,750
Range Midpoint	$170,710
67th %	$189,680
Range Maximum	$227,620
Exemption Status	Exempt
Approved Date:	4/8/2024 10:03:31 AM

JOB FAMILY AND FUNCTION

Job Family:	Research
Job Function:	Disciplinary Research

JOB SUMMARY

Conducts research in various fields of engineering or science to discover facts or perform research directed toward investigations, evaluation, and application of engineering or scientific theories and principles.

RESPONSIBILITIES

- Leads research and development projects requiring the applications of professional engineering or scientific practices and principles.
- Provides technical contributions and develops concepts that lead to new leading edge technologies/techniques/methods.
- Provides in-depth technical advice to other areas.
- Operates, maintains, and repairs specialized equipment.
- Advises faculty, postdocs, students, and staff with design, modification, prototype, processes, analysis procedures, and other engineering solutions.
- Designs and fabricates equipment, materials, systems utilizing engineering and scientific practices and principles.
- Ensures supplies are available and operational for use in projects.
- May manage local computer systems for laboratory functionality.
- Develops proposals, budgets, schedules and progress reports and presents results.
- Evaluates findings to develop new concepts, equipment, or processes.

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	
PhD	PhD in engineering or science.	And	15 years of	Experience in engineering and research practices and principles.	Or
	Candidates with a Bachelor's or Master's degree may substitute relevant experience toward the PhD requirement at the rate of two (2) years relevant experience per year of required education.				

Substitutions Allowed for Education	Yes
Substitution allowed for Education: When a candidate has the required experience, but lacks the required education, they may normally apply additional relevant experience toward the education requirement, at a rate of two (2) years relevant experience per year of required education.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Applies a high degree of creativity, foresight, and judgment in anticipating and solving unprecedented engineering or scientific complexities.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
None Required.				

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		
Atmospheric Conditions			X		
Vibration			X		

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