AUBURN
Human Resources

RFID Lab Innovation & Implementation Principal I

Job Description

JOB INFORMATION

Job Code	AB74A
Job Description Title	RFID Lab Innovation & Implementation Principal I
Pay Grade	RE11
Range Minimum	$74,730
33rd %	$94,660
Range Midpoint	$104,620
67th %	$114,580
Range Maximum	$134,510
Exemption Status	Exempt
Organizational use restricted to the following divisions	123 College of Business
Approved Date:	1/26/2026 11:15:58 AM

JOB FAMILY AND FUNCTION

Job Family:	Research
Job Function:	Disciplinary Research

JOB SUMMARY

The RFID Lab Innovation and Implementation Principal contributes to the programmatic and research and implementation initiatives of the Radio Frequency Identification (RFID) Lab, which conducts planning and execution of sensor technology analyses and testing to support research, development, and quality control across industries such as Retail, Aerospace/Aviation, Food Service, and Logistics.

RESPONSIBILITIES

- Technical Expertise

  Plans, designs, and executes sensor technology experiments, tests, and laboratory sequences to support research, development, and quality control.

  Develops, analyzes, and maintains large datasets of RFID, EPC, and UPC data; translates data into actionable insights for lab and client strategies.

  Designs reports, dashboards and key performance indicators to drive client operational efficiencies and business performance.

  Supports faculty and industry research projects, including new research concepts, grant proposals, and preparation of demonstrations and presentations.

  Establishes and enforces data governance policies to ensure accuracy, security, and consistency of lab data.

- Industry & Partner Engagement

  Collaborates with stakeholders to identify improvements, assess practices, and implement solutions aligned with lab goals.

  Coordinates with suppliers, business partners, and professional organizations to advance lab initiatives and disseminate findings.

  Participates in planning and executing events and engagement programs that strengthen stakeholder relationships and enhance the department’s reputation, collaborating with campus partners and vendors to identify and cultivate prospective alumni, mentors, speakers, and donors.

RESPONSIBILITIES

	Contributes to creative content, marketing, and web initiatives for the RFID Lab and department-wide communications, supporting cohesive messaging and integrated print and digital solutions aligned with Auburn University's strategic goals. Travels for recruiting, events, and research as necessary.
•	Student Engagement Provides oversight and mentorship to student teams, including recruitment, scheduling, training, supervision, and evaluation; ensures proper use of lab equipment and adherence to safety procedures. Guides students in research activities, including data collection, RFID tagging, field tests, and lab demonstrations.
•	Administrative Services: Oversees daily research operations to ensure adherence to schedules, standard procedures, recordkeeping, and reporting requirements. Designs reports, dashboards, and templates; establishes operational metrics and key performance indicators to support process improvement, cost savings, revenue generation, and operational efficiency. Participates in ongoing process improvement, staff training, and performance review input to support the lab's research objectives.

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 be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.

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	no Specific Degree	and	0 years of	experience in research practices and principles within appropriate discipline.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Familiar with fundamental concepts, practices, and procedures related to the methods and programs of the org.	
Knowledge of laboratory techniques, safety procedures, and teaching principles.	

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		