

JOB INFORMATION

Job Code	HC84
Job Description Title	Mgr, NCAT Training/Engineer
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:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	4/18/2023

JOB FAMILY AND FUNCTION

Job Family:	Research
Job Function:	Disciplinary Research

JOB SUMMARY

The Manager of NCAT Training/Engineer manages and oversees the NCAT Training Program, manages the Southeast Superpave Center, and conducts pavement engineering research.

RESPONSIBILITIES

- Manages the NCAT training Program including asphalt technician certification programs for multiple highway agencies, a range of NCAT training courses for the asphalt industry, and specialized workshops conducted at NCAT facilities and locations within the United States and abroad. Responsibilities include scheduling, setting class sizes and fees, arranging instructors from NCAT staff and outside experts, coordinating lab activities, reviewing materials, and making changes based on participation and agency feedback. The position will also be responsible for developing and executing new financially sustainable strategies to expand NCAT's training program to reach larger audiences through the use of live and recorded on-line training, video-based and virtual reality content, blended learning, and computer-based learning assessments.
- Serves as the training course instructor, including the development of high-quality, up-to-date training materials, interactive and hands-on training methods, production of simulating multimedia for training, and professional delivery of training through traditional instructor led classes and web-based programs.
- Supports the asphalt industry and related organizations by responding to emails and phone calls. Coordinates workforce development and outreach activities with Auburn University and pavement industry sponsored events and programs.
- Conducts pavement engineering research, including working with clients to identify needs, preparation of budgets, work plans, and proposals, organizing field and lab testing plans, communicating testing needs with engineers and technicians, coordinating work with other researchers, preparing progress and final reports, and presenting findings to outside groups. Conducts pavement forensic investigations for large and small clients to identify causes of pavement distress or failure and recommendations of effective corrective actions.
- Performs other related duties as assigned.

SUPERVISORY RESPONSIBILITIES

Supervisory Responsibility	May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.
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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 Civil Engineering.	and	10 years of	Experience in pavement engineering, including 2 years experience as an instructor in pavement related courses. Must have experience working for a federal, state or local highway agency in pavement materials, construction or preservation. Must have experience managing an engineering program including budgeting, directing staff, and delivering a product. Must have training in adult learning methods.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Knowledge of asphalt paving materials, design and construction.	
Knowledge of effective training methods.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/Desired	
Licensed Professional Engineer-NSPE	Registered Professional Engineer	Upon Hire	Required	

REQUIRED PRE-EMPLOYMENT/ONGOING SCREENINGS

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		10 lbs
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.