AUBURN
Human Resources

Asst Dir, SCORE Outreach Programs

Job Description

JOB INFORMATION

Job Code	ED26
Job Description Title	Asst Dir, SCORE Outreach Programs
Pay Grade	OP11
Range Minimum	$62,360
33rd %	$76,910
Range Midpoint	$84,190
67th %	$91,460
Range Maximum	$106,010
Exemption Status	Exempt
Approved Date:	1/1/1900 12:00:00 AM
Legacy Date Last Edited	5/31/2016

JOB FAMILY AND FUNCTION

Job Family:	Outreach
Job Function:	Community Engagement

JOB SUMMARY

Assists in directing, overseeing and coordinating the day-to-day operations for the Southeastern Center of Robotics Education (SCORE) outreach programs.

RESPONSIBILITIES

- Develops and coordinates new robotics-based programs, trainings, and competitions at Auburn University that serve the overall mission of the Center. Collaborates with other 2-year and 4-year institutions across the southeast to foster robotics education networks for the purpose of educating and inspiring the K-12 population towards Science, Technology, Engineering and Mathematics programs.
- Develops standards-based curriculum focused on robotics education at all levels of the K-12 spectrum, including teacher training curriculum. Uses curriculum in conjunction with implementing new student camps and programs, robotics competitions, teacher professional development, presentations to interested stakeholders, and other opportunities in support of the Center's mission as they arise.
- Plays a key role in managing portions of existing robotics based programs, competitions, grants and training for the COSAM Outreach Office, including, but not limited to: War Eagle BEST Robotics, South's BEST Robotics, Math Science Partnership professional development in robotics, Robotics Academy summer camp, and The Alabama STEM Studio for Afterschool Learning (TASSAL).
- Travels as needed to assist partner sites and/or schools hosting robotics education competitions, trainings, and programs.
- Develops robotics education program in conjunction with Auburn's Project Lead The Way program to support teachers in their efforts to teach robotics as prescribed through the PLTW curriculum. Delivers teacher trainings at Auburn and beyond related to PLTW.
- Conducts research on the educational outcomes of student competitions and teacher training initiatives, including assessment of program needs for target audiences. Develops post-program summary and evaluation reports for publicity and accountability purposes.

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	Full supervisory responsibility for other employees is a major responsibility and includes training, evaluating, and making or recommending pay, promotion or other employment decisions.

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	
Master's Degree	Degree in Engineering, Science, Education and/or STEM related education degree.	and	2 years of	Experience in developing robotics-related curriculum for teachers and/or students; experience planning and implementing robotics programs, camps, and competitions; experience with designing, assembling, and programming robotics systems.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Knowledge of computer programming as related to Robotics (particularly easyC, RobotC, Scratch, and Python languages, among others);	
robotics control systems including LEGO, arduinos, raspberry pi, VEX and similar;	
3D printing;	
engineering design process;	
knowledge of national and state-based science and math curriculum standards;	
knowledge of educational research practices.	

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.