AUBURN
Human Resources

Assoc Network Engineer-Central

Job Description

JOB INFORMATION

Job Code	MA42
Job Description Title	Assoc Network Engineer-Central
Pay Grade	IT06
Range Minimum	$57,160
33rd %	$70,500
Range Midpoint	$77,170
67th %	$83,840
Range Maximum	$97,180
Exemption Status	Exempt
Approved Date:	11/19/2019 2:13:52 PM
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JOB FAMILY AND FUNCTION

Job Family:	Information Technology
Job Function:	Network Operations & Maintenance

JOB SUMMARY

Under close supervision, provides functional and empirical analysis related to the planning, design, installation, and implementation of the University network infrastructure supporting University applications, systems, and Internet connectivity. Responsible for basic configurations of edge systems that are prescribed ahead of time and leads common projects. Monitors network performance and resolves basic and common problems. Mitigates potential attacks through network or other connections to ensure the security of University network and connected systems. Works with end users and departments to resolve network capacity, hardware, software, and security issues such as jack/port level issues and edge network switch installations. (Employee must work in central IT unit. Exceptions require CIO prior approval.)

RESPONSIBILITIES

- Researches, analyzes, designs, configures, tests, installs, and supports the University's network routing, switching, monitoring, and management hardware and software. Supports and maintains LAN, WAN, and/or metro networks.
- Performs network modeling, analysis, and capacity planning. Assists with the design and implementation of systems to scale and to provide fault tolerance. Provides network communications site planning.
- Coordinates and implements prescribed network security measures in accordance with best practices and University policy. Provides and works on edge network hardware and software to secure mission critical systems and to provide secure access. May assist Network Engineers and Senior Network Engineers on distribution hardware and software.
- Monitors network and performance to ensure network availability to all system users and performs necessary maintenance to support network availability. Works with end users to resolve network hardware and software issues.
- Researches network technologies, hardware, and software to support secure, high-speed delivery of voice, data, and video traffic across all areas of the University for wired and wireless devices.

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 discipline. Degree in IT or related field preferred.		0 years of	Relevant IT experience in the analysis and administration of network infrastructure, preferably in a university setting.	Or
Associate's Degree	No specific discipline. Degree in IT or related field preferred.	and	4 years of	Relevant IT experience in the analysis and administration of network infrastructure, preferably in a university setting.	Or
High School Diploma or GED	General education.	and	8 years of	Relevant IT experience in the analysis and administration of network infrastructure, preferably in a university setting.	

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

Knowledge of computer engineering, network architecture, and network hardware.	And
Ability to build, configure and deploy routers, wireless, and new switches.	And
Knowledge of routers and switchers.	And
Ability to recognize, analyze, and solve a variety of problems.	And
Ability to effectively communicate technical concepts to a non-technical audience.	And
Strong technical aptitude and computer skills.	And
LAN/WAN	

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		

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
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.