AUBURN
Human Resources

Chief Engineer, Broadcast & Network Systems

Job Description

JOB INFORMATION

Job Code	BA65
Job Description Title	Chief Engineer, Broadcast & Network Systems
Pay Grade	AT09
Range Minimum	$71,320
33rd %	$90,330
Range Midpoint	$99,840
67th %	$109,350
Range Maximum	$128,370
Exemption Status	Exempt
Organizational use restricted to the following divisions	130 Director Intercollegiate Athletics
Approved Date:	11/19/2024 6:07:23 PM

JOB FAMILY AND FUNCTION

Job Family:	Athletics
Job Function:	Athletics Video Productions

JOB SUMMARY

The Chief Engineer of Broadcast and Network Systems oversees operations of broadcast and network systems of video production facility for War Eagle Productions. Serves as a technical expert in supporting the design and implementation of broadcast systems and infrastructure to meet the needs of War Eagle Production.

RESPONSIBILITIES

- Oversees operations of broadcast and network systems of video production facility.
- Responsible for the technical design and implementation of systems to meet the needs of War Eagle Productions, which includes, but is not limited to communication equipment, audio and video upgrades in broadcast facility, and various campus facilities over fiber optic transmission. Maintains and designs complex fiber optic networks for data, digital video signal transmission, and signal flow within a broadcast environment and remote sites. Oversees setup of intercom system and enterprise-class video and audio routing in a production facility for live productions. Communicates complex ideas, issues, and designs to varied audiences. Forecasts video system demands, and recommends upgrades, expansion, and reconfiguration.
- Supports, maintains, and troubleshoots technical workflows to include transcoding and live streaming workflows; and diagnoses and leads the effort to solve technical, network, and software or production workflow.
- Troubleshoots, performs maintenance, and upgrades the broadcast facility including switchers, instant replay, enterprise video router and multiviewer, and intercom system. Troubleshoots video hardware and software issues.
- Works with integrators and third parties and acts as internal project manager for all maintenance and new installation and integration of projects. Develops installation plans, and installs, configures, and tunes equipment.
- Documents standards and operating procedures for the video editing systems and acts as a technical resource to the video communications staff and systems users.
- Leads engineering team and provides support for projects, including the development of project plans and assigning tasks to team members.
- Manages all aspects of production of live regular-season linear events in a collegiate setting according to required standards, protocols, and specifications. Functions in a variety of roles depending on skillset, schedule, and desired outcomes. Includes leading/supervision of staff in all aspects of production. Positions worked could include but are not limited to EIC, V1, E2, A1, A2.

RESPONSIBILITIES

- Assists with the development of the budget by researching current and new technologies in the broadcast industry. Manages equipment budget for maintenance and projects. Recommends the purchase of equipment.
- Works with other members of the War Eagle Productions staff to hire students and TES and provides training to ensure competency in their respective job roles.
- Works with the business office for procurement and vendor vetting.
- Complies with all applicable National Collegiate Athletic Association (NCAA) and Southeastern Conference (SEC) regulations in the performance of job duties.

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	
Bachelor's Degree	Degree in Engineering, Communications, Radio Television and Film, Broadcast Journalism, or related field.	and	5 years of	Experience in television, network systems, or video production services. Experience related to a sports program is desired.	Or
Master's Degree	Degree in Engineering, Communications, Radio Television and Film, Broadcast Journalism, or related field.	and	3 years of	Experience in television, network systems, or video production services. Experience related to a sports program is desired.	Or
Associate's Degree or Vocational Certificate	Degree in Engineering, Communications, Radio Television and Film, Broadcast Journalism, or related field.	and	7 years of	Experience in television, network systems, or video production services. Experience related to a sports program is desired.	Or
High School Diploma or GED		and	9 years of	Experience in television, network systems, or video production services. Experience related to a sports program is desired.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Knowledge of live video and minimal postproduction procedures and various communications mediums.	
Expert knowledge of various standard current and up-and-coming broadcast technologies, including but not limited to: Fiber optic transmission, IP video, Mpeg Transport Stream (MPTS), Secure Reliable Transport (SRT), Network Device Interface (NDI), 3G Serial Digital Interface (SDI), Dante Audio, switchers, routers, and professional broadcast cameras and lenses.	
Advanced technical knowledge to design and scope event and facility deliverables across multiple technologies.	
Possesses an understanding, at a detailed level, of architectural dependencies of technologies in use in IT, signal processing, and broadcasting.	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Ability to work in a multi-technology environment with the ability to diagnose complex technical problems to their root cause. In addition to troubleshooting skills and consulting skills, has the ability to summarize prognosis and provide a quick Estimated Time of Readiness (ETR).	
Excellent documentation skills. Excellent rapport-building with staff and executive management.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
	Society of Broadcast Engineers (SBE)	Upon Hire	Desired	Or
	Society of Motion Picture and Television Engineers (SMPTE) certification	Upon Hire	Desired	

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.