

**FLORIDA STATE COLLEGE AT JACKSONVILLE
JOB DESCRIPTION, 2026**

AUDIO-VISUAL ENGINEER

FLSA STATUS: EXEMPT – PAY GRADE: 20- P

JOB FAMILY: INFORMATION TECHNOLOGY – JOB FUNCTION: BUSINESS SERVICES

GENERAL STATEMENT OF JOB

The Audio-Visual (AV) Engineer provides advanced technical expertise in the engineering, design, implementation, and lifecycle management of audiovisual systems across classrooms, conference rooms, and collegewide learning environments. This position ensures reliable instructional delivery and effective collaboration by integrating technology solutions, establishing system standards, and providing technical leadership for campus AV operations. The AV Engineer serves as the College's in-house AV specialist, addressing complex technical challenges, supporting faculty and staff, and ensuring consistent, high-quality technology performance across approximately 500 classrooms and multiple learning and meeting spaces throughout the institution.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES

Engineers, administers and oversees classroom and conference room AV systems by establishing system architecture, configuring control systems, and overseeing preventative maintenance to ensure consistent functionality.

Diagnoses and resolves complex AV system issues by analyzing hardware, software, signal flow, and control integrations to restore instructional continuity and minimize downtime.

Designs and standardizes classroom and conference room AV systems by evaluating instructional requirements, reviewing current configurations, and developing technical specifications to ensure reliable, scalable, and user-friendly learning environments.

Oversees conference room technology environments by configuring video conferencing hardware, validating connectivity, and optimizing system performance to support in person and remote collaboration.

Develops and implements AV technology standards and lifecycle strategies by analyzing system performance trends, equipment age, and emerging technologies to guide capital planning and maintain modernized, cost-effective operations.

Manages vendor relationships and service engagements by reviewing engineering proposals, directing system implementations, and validating installation quality to ensure compliance with institutional standards and timelines.

Provides technical consultation to academic and administrative departments by evaluating space needs and recommending AV solutions aligned with instructional and operational goals.

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Creates and delivers training resources for faculty and staff by developing instructional materials and conducting demonstrations to ensure use of classroom and meeting technologies.

Maintains AV inventory and asset records by tracking installations, replacements, and warranties to support accountability and support long term planning.

Analyzes AV system performance metrics and user feedback by reviewing service trends, identifying recurring issues and implementing improvements to enhance reliability and user satisfaction.

Provides advanced IT consultation and escalation support collegewide to support students, staff, and faculty.

Perform other related duties, as assigned.

SUPERVISION RECEIVED

Supervision is received from the appropriate supervising administrator.

SUPERVISION EXERCISED

None.

MINIMUM QUALIFICATIONS

Associate's degree in a related field from a regionally accredited institution and 5 (five) years of progressively responsible experience designing, installing, configuring, and supporting integrated audio-visual systems in enterprise, educational, or commercial environments, **OR** High School Diploma/GED and seven (7) years of directly related experience.

PREFERRED QUALIFICATIONS

Bachelor's degree in Audio-Visual Technology, Electrical Engineering Technology, Information Technology, or related field from a regionally accredited institution, and 3 (three) years of demonstrated experience with enterprise AV-over-IP systems, digital signal processing (DSP), control systems programming, and network-based AV distribution. AVIXA Certified Technology Specialist (CTS) certification.

MINIMUM QUALIFICATIONS OR STANDARDS REQUIRED TO PERFORM ESSENTIAL JOB FUNCTIONS

Physical Requirements: Must be physically able to operate a variety of machines and equipment including computers, audiovisual systems, hand tools, testing devices, ladders, and lift equipment. Must be able to exert twenty to fifty (20-50) pounds of force frequently or constantly to lift, carry, push, pull or otherwise move objects. Tasks may involve extended periods of time at a computer workstation and require some physical effort, such as constant standing and walking, bending, stooping, crouching, reaching, light lifting and climbing ladders.

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Data Conception: Requires the ability to compare and/or judge the readily observable, functional, structural or compositional characteristics (whether similar to or divergent from obvious standards) of documentation, files, accounts, and equipment.

Interpersonal Communication: Requires the ability to speak and/or signal people to convey or exchange information. Includes issuing and receiving assignments, instructions, and/or directions.

Language Ability: Requires ability to read standard English, as well as basic technical data, policy and procedure manuals, codes, etc. Requires the ability to prepare forms and reports using prescribed formats. Requires the ability to communicate with a broad array of individuals from various professional backgrounds.

Intelligence: Requires the ability to apply principles of logical thinking to define problems, collect data, establish facts and draw valid conclusions; to interpret a variety of instructions or inquiries furnished in written and/or oral form; to acquire knowledge of topics related to occupation.

Verbal Aptitude: Requires the ability to record and deliver information, to explain procedures, and to follow oral/written instructions. Must be able to communicate effectively with co-workers, the public, and students.

Numerical Aptitude: Must be able to add, subtract, multiply and divide; calculate decimals and percentages.

Form/Spatial Aptitude: Requires the ability to inspect items for proper length, width and shape, and visually read various information.

Motor Coordination: Requires the ability to coordinate hands and eyes accurately in operating modern office equipment and machinery.

Manual Dexterity: Must have minimal levels of eye/hand/foot coordination.

Color Discrimination: May not require the ability to differentiate between colors and shades of color.

Interpersonal Temperament: Requires the ability to deal with people beyond receiving instructions. Must be adaptable to performing under moderate levels of stress, imposed by frequent deadlines, peak workloads, or public/student contact.

Physical Communication: Requires the ability to talk and hear: (talking: expressing or exchanging ideas by means of spoken words; hearing: perceiving nature of sounds by ear).

Environmental Requirements: Tasks are regularly performed without exposure to adverse environmental conditions (e.g., dirt, cold, rain, fumes).

Effective: 03/13/2026