



U.S. Senate Sergeant at Arms **Human Resources**

Vacancy Announcement

POSITION:

Broadcast Engineer #95

DEPARTMENT:

Senate Recording Studio

SUMMARY:

This is technical work providing engineering support for the video and audio recording equipment operation, maintenance, troubleshooting and repair. Work includes troubleshooting equipment problems during Senate proceedings requiring prompt repair to avoid downtime. Work includes modifying new and existing equipment as well as identifying system design innovations.

LICENSES AND CERTIFICATIONS:

A driver's license may be required

SALARY RANGE:

\$76,021 - \$114,029

HOW TO APPLY:

All applicants must use the link below and follow instructions.
<https://sen.gov/JRM7>

POSTING DATE:

Monday, June 01, 2020 to **Monday, June 15, 2020**

U.S. Senate Sergeant at Arms, Human Resources * Senate Hart Building SH-142, Washington, DC 20510 * Phone: 202-224-2889

The SAA is an equal employment opportunity employer in accordance with the requirements of Senate Rules and regulations and applicable federal laws. It is the policy of the SAA that all employment actions will be administered without regard to an employee's or an applicant's race, color, national origin, religion, disability, genetic information, age, gender, sexual orientation or uniformed service.



BROADCAST ENGINEER

NATURE OF WORK

This is technical work providing engineering support for the video and audio recording equipment operation, maintenance, troubleshooting and repair. Work includes troubleshooting equipment problems during Senate proceedings requiring prompt repair to avoid downtime. Work includes modifying new and existing equipment as well as identifying system design innovations. Work is performed under the general supervision of an Engineering Supervisor.

EXAMPLES OF WORK

(This list is not absolute or restrictive, but indicates approximate duties and responsibilities which may be redefined pursuant to operational needs.)

- Serves as troubleshooter on all technical equipment problems for hearings, Senate proceedings and in the television and recording studio; locates source of the problem or breakdown; makes repairs or modifications as quickly as possible.
- Provides operational engineering support for Senate proceedings and other productions.
- Implements all phases of equipment and system installations; plans, modifies new and existing equipment systems; fabricates custom mounting and special needs devices.
- Identifies improvements in equipment, operation and system design.
- Establishes fiber optic, analog and digital video and audio paths for video, audio, intercom and video returns; checks quality of signals; verifies equipment operation and signal levels.
- Installs, configures and maintains robotics systems for operators to store and recall camera shots.
- Configures software-based equipment such as the Senate floor and hearing audio systems, in-house routing system, PC and server based systems and telephone interface devices.
- Researches systems and items for purchase and maintains equipment inventory.
- Participates in Continuity of Operations (COOP) Planning, including exercises, drills and training.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

Work requires fine hand motor skills working with small parts, extended periods of working in confined areas, bending, walking, standing, crawling, reaching and stretching, and lifting objects up to 50lbs.



MINIMUM QUALIFICATIONS

Work requires an Associate's Degree in electrical engineering or a related field; and three to five years of technical experience in system maintenance and repair; or any equivalent combination of education and experience that provides the following knowledge, abilities and skills:

- Knowledge of the operational and maintenance characteristics of television and audio recording equipment.
- Knowledge of electronic engineering procedures as applied to television, radio and networked audio equipment.
- Skill in the setup, operation, and maintenance of broadcast quality television and radio systems.
- Ability to read and create engineering drawings and documentation, develop action plans for equipment installation, and instruct production staff in equipment operation.
- Ability to repair and install equipment, and troubleshoot and diagnose system problems.
- Ability to maintain inventory database and repair records for equipment.
- Ability to operate a full range of broadcast television test equipment, meters, analyzers and related devices.
- Ability to establish and maintain effective working relationships with supervisor, co-workers, and the public.
- Ability to communicate effectively.
- Ability to deal with others, using tact and diplomacy.

LICENSES, CERTIFICATION AND OTHER REQUIREMENTS

A driver's license may be required.

VETERANS EMPLOYMENT OPPORTUNITY ACT

Hiring for this position is governed by the Veterans Employment Opportunity Act of 1998 (“VEOA”), as made applicable by the Congressional Accountability Act of 1995 (“CAA”). Pursuant to the VEOA, qualified applicants who are not current employees of the Office of the Senate Sergeant at Arms and who are disabled or who have served on active duty in the Armed Forces during certain specified time periods or in certain military designated campaigns (“veterans”) may be eligible to receive a preference over non-veterans in hiring decisions. Family members of veterans may also be eligible to receive a veterans’ preference if the veteran cannot claim his or her veterans’ preference.

To be eligible for a veterans’ preference, applicants must meet all of the requirements set forth in the VEOA and applicable regulations. Those eligibility requirements are summarized in the Application for Veterans’ Preference, which is available at www.senate.gov/saaemployment.

If claiming a veterans’ preference, an applicant must indicate that he/she is preference eligible on the application or resume and must submit a completed copy of the Application for Veterans’ Preference along with the supporting documentation specified on that form. If the Office of the Senate Sergeant at Arms does not receive the Application for Veterans’ Preference and supporting documentation by the closing date, the applicant’s claim for a veterans’ preference may be denied.

Applicants may obtain a copy of the Office’s Veterans’ Preference In Appointments policy by submitting a written request to resumes@saa.senate.gov.

Individuals who are entitled to a veterans’ preference are invited to self-identify voluntarily. This information is intended solely for use in connection with the obligations and efforts of the Office of the Senate Sergeant at Arms to provide veterans’ preference to preference-eligible applicants in accordance with the VEOA. An applicant’s status as a disabled veteran and any information regarding an applicant’s disability, including the applicant’s medical condition and history, will be kept confidential and will be collected, maintained and used in accordance with the Americans with Disabilities Act of 1990, as made applicable by section 102(a)(3) of the CAA, 2 U.S.C. §1302(a)(3). An applicant who declines to self-identify as a disabled veteran and/or to provide information and documentation regarding his/her disabled veteran’s status will not be subjected to an adverse employment action, but the individual may be ruled ineligible for a veterans’ preference.