



JOB DESCRIPTION

Position Title: Broadcast Technology Engineer
Reports to: Senior Broadcast Maintenance Engineer
Classification: Exempt
Date: June 2019

I. Summary/Objective

This position specializes in installation, testing, repair and maintenance of all broadcast and content creation systems. Emphasis is on IP integration and networking of systems for production, distribution, delivery and control of television and radio content. Additional duties include transmission systems repair & maintenance, TV and event production engineering.

II. Essential Functions

1. Installation, repair & maintenance, to broadcast industry standards, of TV & Radio production, distribution and control equipment to include analog, digital and high-definition broadcast equipment as well as computer and IT equipment associated with the operation and the broadcast signals of the network.
2. Installation and maintenance of video, audio, and other equipment associated with television broadcasting. This includes server-based record and play-out systems, routing switchers, MPEG encoders, decoders, automation, news room computer systems, data networks, and broadcast transmission equipment.
3. Maintain and/or repair video equipment, satellite receivers, cameras, switchers, graphic systems, audio equipment, routers, automation, intercoms and monitors; Transmitter, Master Control and general building maintenance.
4. Knowledge of broadcast technologies including, but not limited to: IT, Transmitters, Antennas, Broadcast Switchers, Router Systems, ENG and DSNG Transmissions, Field Cameras, Signal Path Workflows, non-linear edit systems, media asset management (MAM), production automation systems, and network/IP-based media systems.
5. Assists with transmission equipment repair and maintenance.
6. Assists in integration with centralized Television Master Control.
7. TV Production audio/video/server engineering duties as required.
8. Acts as technical expert for studio productions, live events and remote feeds.
9. Supports and executes live/recorded programming and conducts quality control of all outgoing feeds.

III. Required Education and Experience

1. Associates degree in Electronics, Broadcast Technology, Information Technology or related military training / experience required. Bachelor's degree with an emphasis in Engineering or IT in media is preferred.
2. 2+ years' maintaining and installing broadcast equipment.
3. Proficient in networking, content delivery and streaming via IP.
4. Experience in commodity IT technology implementation and repair
5. Proficient in use of Windows OS, MAC OS a plus
6. Proficient in digital baseband audio/video transport
7. Experienced in component-level electronic repair and custom cable assembly
8. Experienced in HD camera and video control
9. Comfortable in live television and event environments



10. Ability to multi-task & work independently and within a team, under pressure
11. Working knowledge of FCC Rules and Regulations relating to radio, television and satellite broadcast.

IV. Supervisory Responsibility

This position includes duties as engineer-in-charge for TV production activities.

V. Position Type/Expected Hours of Work

This is a full-time position. Hours of work are primarily M-F 8:30 am to 5:00 pm but may include evenings, weekends and occasional holidays. Ability to be on-call for technical emergencies supporting 24/7 broadcast operations.

VI. Travel

Travel is primarily local during the business day, although some out-of-the-area and overnight travel may be expected.

VII. Physical Demands

This position requires standing, walking, bending, kneeling, stooping, crouching, crawling, and climbing. Duties are performed primarily indoors but may include occasional outdoor work. Outdoor duties are performed on dry or wet surfaces in all weather conditions. The employee must be able to lift and/or move items over 50 pounds.

VIII. Other Duties

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

IX. EEO Statement

WNEB | WBFO is an Equal Opportunity Employer committed to excellence through diversity and inclusion.