Position: Broadcast Engineer

Reports to: Director of Engineering

Supervises: None

Exempt / Non Exempt: Non-Exempt

Summary: The Broadcast Engineer is responsible for the technical operation of the Rhode Island PBS Broadcast, Over The Top (OTT) digital streaming, and Video On Demand (VOD) facility.

Specific Duties (including but not limited to):

- Manage, maintain, operate and troubleshoot the following systems:
  - Broadcast signal pursuant to Federal Communication Commission (“FCC”) regulations.
  - Over The Top (OTT) Streaming systems
  - Manage Broadcast IT network
  - Commercial Channel Share broadcast system in coordination with NBC Universal.
  - Broadcast applications and systems, including, digital routers, processors embedders, de-embedders, up-converters, down-converters, distribution amplifiers, digital video play out servers, archive LTO storage, RAID systems, digital satellite receivers, digital audio mixers, SMPTE 259M and SMPTE 292M routing, AES3 routing, digital intercom, 3G cameras, PTZ cameras, high powered VHF TV transition, KVM systems and other applications and systems as needed.
  - Non-functioning RF broadcast, point-to-point microwave systems, and OTT IT streaming systems.
  - Non-functioning video/audio routing, and video/audio processing, distribution, audio/video playback/recording
  - Multichannel Video Program Distributor (MVPDs) head end feeds.
  - Digital encoding systems
- Creation of AutoCAD schematic flow diagrams
- Contribute to the development and operation of the in-house workflows of audio/video files, supporting metadata, and codec transcoding manipulation.
- Work individually or with other staff members.
- Write brief technical reports in a clear and organized manner.
- Setup and configure Centos, PC and Apple based systems.
- Mentor other engineering technicians.
**Education / Experience / Qualifications:**

- Associates Degree or equivalent course credits required / Bachelor’s Degree preferred
- 4 years of Broadcast experience at a television station or strong math and science background.
- Valid driver’s license.
- Ability to read and understand technical flow schematics.
- Ability to produce technical documentation.
- Ability to function as an effective team member.
- Ability to work independently, make decisions and work on multiple projects at one time.
- Excellent communication, interpersonal and problem solving skills.
- Professional attitude.
- Knowledge of software and development best practices.
- Work days, nights, weekends, holidays.

**Who We Are:** With the support of our members and sponsors, Rhode Island PBS serves the needs of all generations within Rhode Island and southeastern Massachusetts. We spark imagination, explore our history and reflect the values of our diverse community. Guided by civic engagement, we provide unique, high-quality local, national and international programming, and digital content that educates, inspires and engages.

**What We Offer:** At Rhode Island PBS, we foster a creative, dynamic workplace where employees can thrive, grow and connect with our mission. We offer a comprehensive benefits package that includes:

- Health and Wellness Benefits including health, dental and vision insurance;
- 403(b) Retirement Plan Benefit that includes a 100% matching contribution up to 6% of the employee’s contribution, plus a pre-tax employer discretionary match up to 2% of the employee’s compensation;
- Paid Time Off package of 25 days, as well as a minimum of 12 holidays each year;
- Other Benefits Options including a flexible spending account, life insurance, long-term disability insurance, pet insurance, and other voluntary insurance options.
How to Apply: Interested applicants should email their application documents to careers@ripbs.org. Required application documents for this position include:

- Resume

Applications will be reviewed on a rolling basis, but applications submitted by June 30, 2024, will receive priority consideration. Please indicate the position to which you are applying in the subject line of your email.

No phone calls, please.

Rhode Island PBS is an equal opportunity employer committed to maintaining a diverse and inclusive workplace. People of color, people with disabilities, and LGBTQ candidates are encouraged to apply. We consider all applicants without regard to race, color, religion, gender identity, gender expression, sex, sexual orientation, national origin, age, disability, military service, or genetic information.