

# Broadcast Production Engineer

## About WHRO Public Media:

WHRO Public Media is the largest local media company in Norfolk, VA with four TV stations and five radio channels. Since 1961, we have been at the pulse of pop culture, technology, current events and most importantly, education. Owned by a collaboration of 21 school divisions, WHRO Public Media offers employment opportunities in a variety of disciplines including communications, education, creative services, programming, interactive services, information technology, development, engineering, accounting and many other areas.

## Job Summary:

Broadcast Production Engineer is responsible for the installation, operation and maintenance of all audio, video and associated equipment. Responsible for the technical operation of a live radio call-in show. Maintains detailed knowledge of test equipment operation including Spectrum Analyzer, Test Signal Generators, Multimeters, Sound Technology Automated Test Systems, etc.

## Duties/Responsibilities:

- MAINTENANCE AND TV OPERATIONS
  - Maintains detailed working knowledge for all major electronic equipment items for WHRO TV and WHRV/WHRO FM.
  - Support infrastructure for on-air broadcast production systems.
  - Maintains and operates all video, audio and associated equipment.
  - Oversees overall video and audio signal quality of WHRO and Telecommunications.
  - Conducts regular equipment performance tests and updates maintenance records.
  - Maintains parts and inventory control.
  - Helps determine test equipment needs of the station.
  - Performs general station maintenance and installation of electronic equipment.
  - Maintains and operates Television and Radio transmitter systems, including component level repairs.
- PRODUCTIONS
  - Assists in studio Television and FM audio productions or remote productions as required.
  - Live audio console operation for the production of a Radio call-in show.
  - Must be able to take direction from local producers during live call in show.
  - Operation of telephone hybrid talk show call-in system.
  - Audio recording and editing with Digital Audio Workstations including Adobe Audition.
  - Prepare podcast version of Radio shows for the Web.
  - Must be proficient in the use of ISDN, Audio-over-IP hardware and software audio codecs.
  - Must have proficiency with Analog and Digital audio consoles
  - Operation of routers, intercom, monitoring, KVM, audio suites, and other live production gear.
  - Oversee and maintain the schedule for recording sessions
  - Respond to, communicate, manage, and track technical issues as they arise.
- Other duties as assigned.

## Required Skills/Abilities:

- A valid driver's license and satisfactory driving record.
- Must be able to troubleshoot equipment problems to component level.
- Working knowledge of computer systems and IT fundamentals that will permit the execution of applications and troubleshooting.
- Must be able to work a flexible schedule, including overtime as needed

- Must be qualified for soldering of traces and circuit boards (single and double layer).

**Education:**

- Must have Associate Degree in Electronics or equivalent academic and experience.

**Experience:**

- Four to six years' experience in related field.

**Physical Activities**

- Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like.
- Moving self in different positions to accomplish tasks in various environments including tight and confined spaces.
- Remaining in a stationary position, often standing or sitting for prolonged periods.
- Moving about to accomplish tasks or moving from one worksite to another.
- Adjusting or moving heavy objects in all directions.
- Communicating with others to exchange information.
- Repeating motions that may include the wrists, hands and/or fingers.
- Operating machinery and/or power tools.
- Operating motor vehicles or heavy equipment.
- Assessing the accuracy, neatness and thoroughness of the work assigned.

**Environmental Conditions**

- Low temperatures.
- High temperatures.
- Outdoor elements such as precipitation and wind.
- Noisy environments.
- Hazardous conditions.
- Poor ventilation.
- Small and/or enclosed spaces.

**Physical Demands**

- Heavy work that includes moving objects up to 100 pounds or more.

**To Apply:**

Complete an application at <https://corporate.whro.org/employment-opportunities/job-listings>

**Equity Statement**

It is WHRO's policy to provide equal employment, educational and social opportunities for all persons, without regard to race (or traits historically associated with race including hair texture, hair type, and protective hairstyles such as braids, locks, and twists), color, religion, sex or gender (including pregnancy, childbirth, or related medical conditions), national origin, gender identity or expression, age, veteran status, disability, political affiliation, sexual orientation or genetic information. Minorities, women, veterans, and individuals with disabilities are encouraged to apply.

**EOE/M/F/Disability/VETS/Drug Free**