



Colorado Public Radio Job Description (May, 2018)

Position: Broadcast / IT Engineer
Location: Grand Junction, CO
Reports To: Vice President, Engineering
FLSA Status: Full Time, Exempt
Department: Engineering

Summary:

The Broadcast / IT Engineer will assist the engineering department in keeping the CPR broadcast network, audio network, and IP network in good shape. Support functions including remote monitoring and troubleshooting to ensuring all network systems are as reliable and technically effective as possible. Work with the VP Engineering, Director of RF Engineering, and Broadcast Network Engineer to maintain all broadcast production and distribution systems.

Essential Duties and Responsibilities:

- Maintain, design and install broadcast equipment.
- Maintain, design and install broadcast transmission systems and sites.
- Maintain, design and install monitoring and remote control systems.
- Assist New Media and Technology department with support and troubleshooting Windows and Linux server equipment.
- Assist production department with studio equipment and training staff on proper use.
- Work closely with the Engineering department to accomplish organizational strategic goals and FCC compliance.
- Keep current with the state of the art for computer, computer networks, software, broadcast, RF, production and distribution systems and equipment.
- All other job-related duties as may be assigned from time to time.

Core Competencies:

- **Change/Adaptability/Flexibility:** Adapts to change that benefits CPR, is open to new ideas, takes on new responsibilities, handles pressure, adjusts plans to meet changing needs.
- **Communication:** Communicates well both verbally and in writing, promptly shares information and ideas with others throughout the organization as appropriate, has active listening skills, can negotiate and persuade as needed.
- **Results Focus/Initiative:** Targets and achieves results, sets challenging goals, prioritizes tasks, overcomes obstacles, accepts accountability, sets high standards and takes responsibility, provides leadership/motivation.
- **Collaboration:** Working collaboratively with others to solve problems, achieve common goals and positive results. Listens to others and values opinions. Is open with other team members and expresses disagreement constructively. Seeks opportunities to work on teams as a means to develop experience and knowledge.



Knowledge and Competencies:

- A four-year college degree in related field or equivalent years of experience in Broadcast and IT.
- Experience in audio and broadcast systems.
- Experience in Zetta or other radio broadcast automation system.
- Experience in Axia or other audio routing systems.
- Experience with satellite broadcast uplink/downlink systems.
- Experience with spectrum analyzers and other broadcast related tools
- LAN and WAN infrastructure experience including VLANs.
- Cisco router experience, and managed switch experience.
- Experience with wireless licensed and unlicensed point to point audio and IP links.
- Advanced knowledge of Windows and Linux operating systems.
- Ability to communicate and listen actively.
- Ability to think and act strategically.
- Ability to adapt to changing needs.
- Ability to prioritize assigned tasks.
- Strong writing and oral communication skills.
- Detail oriented and excellent organizational skills.
- A general knowledge of radio in general (and public radio in particular) is preferred.
- Because radio broadcasting is an audio medium, you must be able to discern audio problems through auditory senses.
- Since IT and broadcasting equipment will need to be moved on occasion, you must be able to lift at least 50 lbs.
- Valid driver's license required.
- Occasional non-standard hours and 24/7 on call apply.