

Broadcast Engineer

Summary Statement:

Primary duties include the support of broadcast stations KAKM-TV, KSKA-FM, and the statewide satellite news network. Support includes all inside and outside plant supervision and maintenance.

Alaska Public Media is the source of NPR radio, PBS television for South Central Alaska and stewards of the statewide news.

Essential Functions:

The Broadcast Engineer will:

- The Broadcast Engineer will, as a member of a team, provide the skills necessary to synthesize and implement the technical policies of the station.

Duties and Responsibilities:

In addition to the above functions, the Broadcast Engineer will:

- Assure all personnel use and operate the facilities in a safe and secure manner.
- As part of a team, do the contingency planning necessary to keep systems on line in all situations.
- Design, maintain and operate TV and radio transmitting facilities, assuring safe and compliant operation.
- Understand facilities interconnection including signal type and routing, bypass and restore systems; microwave and fiber interconnections; etc. Implement and modify system documentation as required.
- Perform routine evaluation and maintenance of on systems including database maintenance.
- As part of a team, help design and configure the operating environment and systems.
- Operate the stations in compliance with the FCC rules, safety regulations and company policies.
- Provide engineering services to other organizations as may be required.
- Other duties as assigned.

Required Qualifications:

- Five to seven years; experience in a progressively complex broadcast environment.
- Bachelor's Degree in electronics, computer networking or related technical degree.

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- FCC General Radio Telephone License
- SBE Certification Preferred
- MSCE Certification Preferred.
- Other related experience preferred, e.g. digital satellite systems operation and installation; digital microwave operation and installation
- High power RF maintenance, computer network design and operations.
- Broadcast remote control operation and implementation.
- Experience in the set up and operation of an unattended control room and transmitter environment.
- Facility system design, operation and maintenance, including high power AC systems; HVAC systems design implementation and maintenance; in depth understanding of
- Ion depth understanding of FCC requirements for broadcast operations.
- Design and operating experience in high performance television editing systems.
- Design and installation of various analog and digital systems associated with radio operations.

Desired Qualifications:

- Must be able to design and implement the technical policies and procedures for the company and processes.
- Have the skills and judgement necessary to carry out all aspects of the company technical policy.
- Assuring a safe and efficient environment for the station and its employees.
- Must have the requisite skills to perform analysis and maintain high power RF systems, microwave systems, computer network systems in infrastructure and remote control systems.
- Be able to implement digital editing systems and support the production department.
- Understand satellite technology.
- Be familiar with industry standards and practices.
- Be able to interpret and implement FCC rules and regulations.

Allowable Substitution

If necessary, alternative combinations of education and experience to be evaluated by the Human Resources Office for comparability

Alaska Public Media is an equal opportunity employer.

Send cover letter and resume to hr@alaskapublic.org

For full job description, go to our website at <http://www.alaskapublic.org/careers>