

EDUCATIONAL TELECOMMUNICATIONS ENGINEERING DIVISION DIRECTOR G35410

DESCRIPTION OF OCCUPATIONAL WORK

This is professional work providing technical and advisory support to the Chief Technology Officer (CTO) for technical administration of broadcast network systems. The incumbent maintains responsibility for a variety of functions concerning broadcast, internet-based distribution and/or production equipment as well as supervising the personnel who direct the operation of such equipment; performs related work as required.

EXAMPLES OF WORK: (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Responsible for the day-to-day technical operation and maintenance of the broadcast operation center and/or transmission systems including associated equipment.

Assumes responsibility for the entire network system in the absence of the Chief Technology Officer.

Coordinates ordering of parts from suppliers and distributes to appropriate engineering areas.

Evaluates technical performance of signal generation, distribution, and/or transmission systems.

Assumes operational responsibility and control for certain engineering areas, including budget assigned to those areas.

Acts as principal coordinator for network distribution and supervises statewide interconnection service.

Initiates television engineering research and participates in the design of modification of technical operation procedures, project planning and management.

Coordinates staff and equipment and assigns work priorities within areas of responsibility.

Evaluates technical specifications and operating standards of equipment as well as personnel requirements and the performance of staff.

Formulates technical standards of operations for review and approval of the Chief Technology Officer.

KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED: (These are needed to perform the work assigned.)

Knowledge of: ETV and FCC policies, procedures, rules, and regulations; television production and transmission equipment; cloud, media over managed IP for content contribution and distribution; terrestrial and microwave system theory, design and implementation; high power systems, analog and digital systems and communication systems; studio and remote electronic equipment; hardware associated with a network system; FCC rules and regulations; personnel management of a technical staff.

Ability to: Interpret and enforce proper ETV and FCC policies, rules and regulations; plan and modify system procedures and equipment; project planning and management, supervise statewide interconnection service and network distribution; assume responsibility for entire network system in absence of the CTO; operate technical equipment associated with a network system; direct a sizable technical staff; communicate effectively with others; formulate technical standards of operations and establish and assign work priorities.

MINIMUM QUALIFICATIONS: (Applicants will be screened for possession of these qualifications. Applicants who need accommodation in the selection process should request this in advance.)

At least eight years of experience in broadcasting electronics - television, radio and internet-based distribution systems; including varied broadcast and internet based functional areas involving both operational and maintenance experience AND at least three years' experience in a supervisory capacity. Bachelor's degree in electrical engineering or related field may substitute for four years' experience in broadcasting electronics.

SPECIAL NOTES:

State agencies are responsible to evaluate each of their positions to determine their individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).

- Must possess an FCC Radiotelephone Operator's License/Permit within six months from date of hire.
- Specific positions in this class may require an employee to possess a valid driver's license or the ability to provide independent authorized transportation in order to perform work-related travel.
- Positions in this class may be required to work outside of normal working hours.

State agencies are responsible to evaluate each of their positions to determine their individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).

Established: <11/82>

Note: Classification-specification is subject to change. Please refer to the Nebraska State Personnel Job Specification website at <https://das.nebraska.gov/personnel/classcomp/jobspecs/jobspecs.html> to ensure this represents the most current copy of the description.

The following is a summary of changes made to this class specification.

Section	Change Description	Effective Date
DESCRIPTION	Verbiage revised	2/28/2024
EXAMPLES OF WORK	Verbiage revised, added, removed	2/28/2024
KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED	Verbiage revised	2/28/2024
MINIMIUM QUALIFICATIONS	Verbiage revised	2/28/2024