

STATE OF NEBRASKA CLASS SPECIFICATION
EDUCATIONAL TELECOMMUNICATIONS MAINTENANCE
ENGINEER

EST: 11/82 - REV: 05/16
CLASS CODE: M35150

DESCRIPTION: Under general supervision, responsible for installing and maintaining broadcast technical equipment. Incumbent makes recommendations in regard to new equipment installation, equipment modifications and general technical requirements. May, on occasion, be required to perform operational engineering functions; performs related work as assigned.

DISTINGUISHING CHARACTERISTICS: (A position is assigned to this class based on the scope and level of work performed as outlined below.)

This classification is responsible for repairing, installing, or maintaining broadcast equipment systems. While some positions may serve as back up to operating engineers, they would not be assigned operations work the preponderance of time. Positions responsible for the operation of Advanced Television Standards Committee (ATSC/digital) television, FM, and High Definition radio transmitting equipment are classified to the Educational Telecommunications Engineer II class.

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.)

Perform tests on components and/or systems to confirm specified performance.

Assist in the training of operating engineers and technicians.

Prepare appropriate engineering reports.

Fill in on an emergency basis for operating engineers.

Advise supervisor of operational status of equipment for which responsible.

Provide input into evaluations of new technological advances and equipment.

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

Knowledge of: electronic theory and maintenance procedures; basic television systems and signals; one specific technical area such as videotape machines and television cameras; the operation and maintenance of television and radio broadcast station equipment (such as monitors, modulators, distribution systems, audio/video, transmitters, receivers and modulators, distribution systems, audio/video and test equipment); FCC and NET policies, rules and regulations.

Ability to: read and understand electronic schematic drawings; maintain accurate records; communicate and work in cooperation with others; make a logical analysis; perform mechanical skills; install, maintain and repair equipment associated with a television broadcast station; operate studio equipment; function as a broadcast engineer when needed; evaluate equipment needs and make recommendations; diagnose and resolve advanced electronic system problems.

M35150 – ETC MAINTENANCE ENGINEER (continued)

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 three years of experience in broadcasting electronics – television, radio, or cable operations; graduation from a recognized vocational technical school in electronics may be substituted for one year of experience.

SPECIAL NOTES:

May be required to travel to remote broadcast sites.

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.

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).