

## IT Technical Job Classification

IT Job Title: Video Network Engineer

State Job Title:

Classification: T980

Pay Grade:

### Job Summary

Under general supervision this person designs, installs and trouble shoots distance learning systems and other video related technical facilities. Maintains documentation and inventory of all the systems. Develops operational test procedures to ensure quality reception and transmissions.

### Essential Duties:

- Develops and maintains graphical documentation for Distance learning systems.
- Creates and maintains activity logs and reports for system software and hardware including uptime/downtime charting and maintenance logs.
- Designs and maintains audio systems for distance learning applications.
- Assists in the day-to-day operation of distance learning scheduling and operating systems.
- Participates in the design of distance learning systems.
- Monitors and operates satellite uplink and downlink systems.
- Installs videoconference and distance learning systems.
- Performs routine and emergency maintenance of professional video equipment.
- Monitors and troubleshoots signal routing in broadband, base band and packet configurations.
- Teaches and trains faculty and staff on audio-visual principles, methods and techniques plus the operation of the equipment when required.
- Performs other duties as assigned

### Education

A bachelor's degree in a relevant or related field is required

### Experience and or knowledge

Requires at least 3 year of experience with distance learning computer systems and Network administration. Must know how to use electronic computer systems such as UNIX. Experience with Internet protocol; IP and asynchronous transfer modem (ATM) and experience with distance learning design, including echo cancellation and mix-minus is required. Experience with SUN or Cisco Routers is desirable

### Leadership

May be responsible for mentoring and directing other part or full time staff and student assistants.