

## **Video Network Specialist II**

### **Job Code 50011488**

#### **General Description**

Supervise and schedule Video Network Specialist I as well as assess, procure, install, integrate, adjust, document and maintain electronic video, audio and telecommunications technology equipment and systems. Provide operational training and production assistance.

#### **Examples of Duties**

Supervise, schedule and perform preventative and corrective maintenance on TV production system using test equipment such as waveform monitor and vector scope to adjust system to technical specifications and troubleshoot system problems.

Supervise, schedule and service defective television production equipment using hand tools and test equipment such as oscilloscope and digital multimeter.

Supervise, schedule, plan, implement and diagram equipment replacement and upgrade to TV production system.

Supervise, schedule, implement and maintain Interactive TX system(s).

Supervise, schedule, operate, maintain, and upgrade satellite earth station reception equipment.

Provide training for other operators.

Supervise, schedule and provide computer desktop connectivity support for Instructional Technologies Staff by designing, documenting and managing maintenance of specific segments of the campus local area network.

Provide information about specific media technologies such as electronically-delivered distance education to other staff and faculty through written reports and workshop presentations.

Provide information concerning Instructional Technologies production facilities and electronically-delivered distance education projects through creation of Internet World Wide Web HTML documents.

Coordinate physical renovations within Instructional Technologies spaces and other university classroom building utilizing ITV or multimedia technologies.

Ensure all TV production and ITV/Multimedia classroom configuration and connections are properly documented by creating and updating wiring diagrams, block diagrams, and schematics with computer drawing software.

Enrich knowledge of new technologies and instructional technology applications by attending conferences, workshops and visiting other facilities with missions related to those of Instructional Technologies.

Train Instructional Technologies personnel, student workers, and clients correct operations of television production and media equipment.

Manufacture and repair customer video, audio, computer and control cables using hand tools.

Maintain inventory of various wire and cables, connectors, and small-ticket spare parts.

Provide consultation to academic and staff departments concerning media equipment and instructional technology hardware use, procurement, installation and maintenance.

### **Knowledge, Skills, and Abilities**

**Knowledge of:** Telecommunications systems including computer networks and public stitched telephone network; geostationary satellite communications systems; new instructional media technologies; electricity and electronics; the nature of the technical parameters of audio recording and reproduction and equipment system integration; NTSC Video recording and reproduction and equipment system integration.

**Skill in:** Preparing clear and accurate documents; creating technical operating instructions and drawings; establishing rapport with a variety of clients; team work; problem solving and decision making.

**Ability to:** Interpret technical materials; calculate voltage and resistance; explain technical material; design, implement and maintain complex TV production system including origination studios and editing suites both on system and component level; manage multi-faceted technical infrastructure construction projects; operate and maintain satellite television downlink station; manufacture audio, video, and control cables and interface connection.

### **Experience and Education**

To qualify for this classification, an individual must possess any combination of experience and education that would likely produce the required knowledge, skills, and abilities.

### **Other Requirements**