

Bakersfield City School District
Education Center – 1300 Baker Street
Bakersfield, California 93305
Personnel Services

TITLE: NETWORK SYSTEMS ENGINEER

QUALIFICATIONS:

1. Knowledge of network technology in local-area and wide-area networks including ethernet, token ring, FDDI, routers, switches and concentrators
2. Knowledge of voice, data and video telecommunications technology and other electronic communications technologies such as fire alarm, security and intercoms
3. Knowledge of TCP/IP, IPX and other network protocols
4. Knowledge of capabilities, capacities and limitations of computer hardware and communications devices including routers, switches, concentrators and wiring
5. Knowledge and experience with routers, IP addressing, subnet-masking procedures
6. Responsible experience in related area of local-area and wide-area network design
7. Knowledge of and willingness to stay abreast of industry trends, innovations and practices
8. Ability to communicate effectively, in public, orally and in writing, with all levels of staff; experience in preparing and presenting network administration training sessions to lay and professional audiences
9. Bachelor's degree in related area desirable; equivalent experience in applied setting may be substituted

REPORTS TO: Administrator as assigned

SUPERVISES: Staff as assigned

JOB GOAL: To provide support to district staff and students by performing variety of duties related to installation and maintenance of network hardware and wiring

PERFORMANCE RESPONSIBILITIES:

1. Under general direction, is responsible for broad and complex assignments in support of highly complex, multi-platform network systems
2. Installs local-area network hardware including switches, concentrators and wiring
3. Assists in analyzing users needs relating to local and wide area networks and connectivity between them
4. May be responsible for following activities or related duties: router installations and operations, including IP address and subnet-masking, programming of Cisco 7000 and other related routers on network; monitoring and diagnosing problems related to local-area and wide-area networks; support of district's migration to advanced electronic communication hardware devices
5. Supports interconnectivity, functionality and maintenance of communications equipment
6. Supports installation and maintenance of voice/video and data communications equipment on local-area networks, to include PBX's voice mail and video distribution

7. Provides strategies to support district technology planning and installation needs
8. Maintains current knowledge of trends and developments in networking and related areas of technology, including hardware and software, applies current practices, equipment and materials as needed
9. Install infrastructure communications cabling and hardware
8. Performs other related duties as assigned

TERMS OF EMPLOYMENT: Salary and work year according to current schedule; supervisory salary schedule, class 36

EVALUATION: Performance of this job will be evaluated in accordance with the District's "Improvement of Professional Services" handbook, Board Policies and Procedures and consistent with collective bargaining agreements when applicable