

MURRIETA VALLEY UNIFIED SCHOOL DISTRICT

JOB DESCRIPTION

TITLE: INFRASTRUCTURE SPECIALIST

Ability to (continued)

19. Perform skilled work safely and proficiently using a variety of hand tools and equipment associated with cabling repair, maintenance, and installation.
20. Read and effectively interpret schematics, blueprints, and sketches.
21. Estimate the scope and costs of work assignments and to secure the necessary tools and materials to complete each assignment.

Training and Experience

1. Equivalent to completion of the twelfth (12th) grade, supplemented by courses specializing in computer operation, installation, maintenance, and repair.
2. Two years of directly related experience, certificate or degree in networking of data systems.
3. Certification as a BICSI ITS Technician, similar certification, or state license (C7) required.
4. Demonstrate working knowledge of LAN/WAN physical topology, industry cabling standards and components/equipment.
5. Any combination of training and experience equivalent to a minimum of Five (5) years of experience with Ethernet networks, VOIP networks, Ethernet Wireless, and Video distribution.
6. Good work history and attendance.
7. Any combination of training and experience equivalent to a minimum of Five (5) years of experience in providing technical support in a large enterprise environment.

REPORTS TO: Director of Educational Technology and Information Systems or designee

JOB GOAL: Performs the installation, modification, repair and maintenance of telephony, multimedia presentation and data cabling/connectivity systems and surveys installation areas to determine work methods, tools, materials, etc. Coordinates work flow and is responsible for making independent judgments and adhering to proper installation guidelines. In addition to installation and repair the Infrastructure Specialist will install equipment and be involved in some facets of configuration and deployment.

ESSENTIAL FUNCTIONS

1. Perform installation and maintenance of all low voltage and structured cable distribution systems including data, voice, audio visual, and security.
2. Maintain and reference industry standards including ANSI, EIA/TIA, FCC and local low. Voltage codes as it relates to installation of all low voltage, optical cable and presentation systems.
3. Perform installation, diagnosis, maintenance and repair of internal optical systems including multimode and single mode fiber.
4. Installation, repair, and maintenance of low voltage racking and management systems as per industry standards including copper and fiber termination equipment.
5. Troubleshoot low voltage and optical issues using advanced test equipment and methods.
6. Use industry recognized tools and equipment to perform installation, maintenance and repair of all low voltage and optical systems including non-industry specific equipment such as ladders, drills, and other mechanical and electrical tools.

