



JOB TITLE: NETWORK TECHNICIAN

Classification: Classified
Salary Range: 42

Retirement Type: PERS*
Revised/Board Approved: October 18, 2004

BASIC FUNCTION:

Under the general direction of the assigned supervisor, manage a UNIX, Novell, or similar computer network with a minimum of one hundred stations; perform a variety of maintenance, evaluation, installation and training tasks to enable users to maximize productivity. Assist in planning and development of network resources, permissions and security.

REPRESENTATIVE DUTIES:

Administer a network of workstations or assist in the administration of a larger site or network, utilizing one or more TCP/IP or non-TCP/IP networking protocols and/or one or more UNIX-based or non-UNIX based operating systems.

Evaluate and recommend purchases of computers, network hardware, peripheral equipment, and software; provide technical consulting services to divisions regarding the use of computers and networks to satisfy business needs.

Install, configure, and maintain personal computers, Novell networks, UNIX workstations, file servers, Ethernet networks, network cabling, and other related equipment, devices and systems. Add or upgrade and configure modems, disk drives, data acquisition boards, CD/DVD ROM units, printers, and related equipment.

Perform and/or oversee software and application development, installation, and upgrades. Maintain site licenses for the college.

Plan and implement network security, including building firewalls, applying cryptography to network applications, managing host security, file permissions, and file system integrity, and add and delete users.

Troubleshoot networks, systems, and applications to identify and correct malfunctions and other operational difficulties.

Develop and conduct various training and instruction for system users on operating systems, relational databases, and other applications. Assist users in maximizing the use of networks and computing systems.

May lead and/or guide the work of other staff or students engaged in similar functions.

Install local area networks including network servers, hubs, routers, workstations, printers and other peripheral devices.

Maintain a broad knowledge of state-of-the-art technology, equipment, and/or systems.

Perform other related duties as assigned.

JOB QUALIFICATIONS:Education and Experience:

Any combination equivalent to a high school diploma or G.E.D. and five years of directly-related technical experience. A directly-related, completed associate or bachelor's degree from accredited institutions may be substituted for experience on a year for year basis.

OTHER QUALIFICATIONS:Knowledge/Areas of Expertise:

A range of computer networking systems and languages

Available computing and/or network hardware and peripheral equipment.

Computer and/or network security systems, applications, procedures and techniques.

TCP/IP and other networking protocols.

Current technological developments and trends in the area of expertise.

Federal copyright laws as they pertain to the use of computer software.

Abilities/Skills:

Install, configure and maintain personal computers, networks, and/or related hardware and software.

Communicate technical information to non-technical personnel.

Identify and resolve computer system malfunctions and operational problems.

Provide technical guidance and training to end users.

Work professionally and cooperatively with others.

Organize resources and establish priorities.

WORKING CONDITIONS:

Typical office environment

Extensive computer work.

Long periods of standing and sitting.

Move from one location to another as needed.

Lift and carry up to 25 pounds.

* Previous employment performed in a different public retirement system may allow eligibility to continue in the same retirement system.