

MANAGEMENT INFORMATION SPECIALIST NETWORK SYSTEMS PROGRAMMER

Definition

Under general supervision, responsible for planning, developing, researching, designing, implementing and administering Local and Wide Area Networks (LAN's and WAN's); responsible for supporting networked computer operating systems and applications across multiple hardware and software platforms to ensure that the user is receiving the best possible LAN and WAN services; performs related work as required.

Examples of Duties

Install and administer Novell, Microsoft NT and Unix file server operating systems and associated application and database software; implement, evaluate and maintain network data communications software and hardware installations; provide network communication systems support by maintaining Bridge/Routers and data switching systems; support WAN technologies such as T1/56KB, data/voice multiplexed links, and data radio technologies; support dial-in/out access communication systems; implement and maintain PC to LAN, LAN to WAN, and PC to Mainframe SNA/SAA communication links and security systems; help support a complex user base of personal computer users accessing Mainframe, PC and Unix information systems over the Dane County LAN/WAN; perform PC software/hardware installations and problem solving as well as training other personnel.

Employment Standards

Education and Experience: Any combination of training and experience equivalent to a bachelor's degree in Computer Science, business administration or a related field and 3 years experience supporting network systems.

Knowledge and Abilities: Knowledge and Experience implementing, supporting, and administering Novell 4.1, Microsoft NT, AIX Unix, Sun Solaris Unix, and SCO Unix operating systems. Knowledge of data Communications, and software systems such as Novell Connect and Novell SAA services. Knowledge of Personal Computer hardware & software, LAN/WAN concepts, Bridge/Router administration, TCP/IP and IPX protocols, WEB Internet applications, and Sysbase/Oracle database installation and administration. Knowledge using and supporting the Microsoft Office Suite of PC application software.