

Network Engineer

Iowa City Community Schools
Job Description

Qualifications:

Minimum:

Degree in computer science or 3 years experience working in networking environments.

Preferred:

Experience in K-12 educational environment.
Familiarity with management of student and school staff data.
Experience with database administration.

Criteria:

Knowledge of technology for information management;
Commitment to ethical practices related to data management.
Ability to work with people.
Evidence of organizational skills.

Reports to: Director of Instruction and the Executive Director of Administrative Services

Job Goal: Facilitate electronic communication and access to information via a district-wide network, ensuring appropriate levels of confidentiality.

Responsibilities:

Network Engineer:

Design, develop and implement network infrastructure to support data, voice and video.
Provide leadership in network administration.
Provide leadership in phone system administration.
Provide leadership role for technical department.
Prepare and maintain documentation for system and network resources.
Monitor network activities and maintain load balance.
Serve as liaison to the City of Iowa City on behalf of ICCSD's interest in cable fiber networking and the associated connectivity.
Periodically review and evaluate systems and facilities; recommend appropriate changes.
Consult with district administration regarding review of technical proposals that may impact the district network.

Prepare annual reports on the district network usage for administration.
Communicate with building-level teacher librarians regarding use of the network for exchange of information.

Work with staff development to facilitate the passing of technical information or changes to district standards of operation.

Database Administrator:

Assist in developing a database strategy for present and future information requirements.

Coordinate planning, designing, maintaining and reviewing of all district-level database designs.

Maintain integrity of all databases.

Develop data disaster recovery plan.

Provide leadership for the District Technology Council.

Maintain knowledge of software and technology as it relates to database management systems.

Analyze and report on resource levels of databases and operating systems

Assume other duties as assigned.