

SAN JOSE UNIFIED SCHOOL DISTRICT

I. Title Technology Services Database Software Engineer I

II. Definition

Under technical supervision in the Technology Services Department, as a Database Software Engineer I, administers the use of high level relational database systems, analyzes, and designs processes for their use, communicates with and supports users for successful utilization of the applications using these database systems.

III. Examples of Duties

Works with application system vendors to plan and implement database systems being managed by the Technology Services Department. Takes on project management for new and upgraded software application systems utilizing high end relational databases. Researches software capabilities to assist in defining operational processes using relational databases. Defines and creates documentation and training tools. Works with the help desk staff in creating support and communication plans.

Utilizes database software access tools to create specialized reports for district users. Trains and supports others on basic use of reporting tools.

Serves as contact with database application software vendors supporting the district.

Serves as backup support to other technical software positions in Technology Services Department.

IV. Distinguishing Characteristics

Persons in this position are capable of high level analytical tasks and system review. They have the ability to provide leadership and coordinate the efforts of vendors and staff to meet timelines. They are able to work independently and cooperatively with other department staff to provide technical assistance and support. They are capable of handling complete project management involving full implementation of technical software systems.

They have the ability to set up and maintain the system configurations needed to support the applications systems and user access on centrally managed software systems. They are effective in dealing with outside support resources that are needed to assist in software implementation and technical support issues. They have a strong customer service focus and a sense of urgency to meet their needs.

V. Employment Standards

A. Knowledge of:

Technical Project Project Management , Structured Query Language (SQL) to access and collect data from SQL relational databases.

B. Ability to:

Perform System configuration tasks on the district wide business and student applications systems;

Analyze, and evaluate complex systems, and develop processes for system use;

Install and test new software releases;

implement database software application systems.

Implement SQL database systems.

C. Education/Training/Experience:

Graduation from a four-year college, preferably with a major in information systems or business administration. Prior experience in managing a large scale relational database system may be substituted for the education requirement on a 2 for 1 basis.

Project Management experience in implementing technical database application systems

Training and experience in System management tasks in an SQL relational database environment.

D. Licenses/Certificates:

Valid California Drivers License.

Date: January 18, 2007

Range: 36a Annual Salary (\$58,468.80 - \$71,260.80)

Position Code:

Technology Services Database Software Engineer I