

MADERA UNIFIED SCHOOL DISTRICT

JOB DESCRIPTION

Position: Information Systems Specialist II

Classification: Classified

Department/Site: Information Technology and Support Services

Salary Schedule: Classified

Reports to: Information Technology Supervisor

Salary Range: 38

FLSA: Non-exempt

PURPOSE STATEMENT

Under supervision, the job of Information Systems Specialists II is to provide professional technical support to department and school site users as well as parents and students to support the educational process. Duties include maintenance and implementation of software platforms throughout the district, helpdesk call and ticketing systems, advanced diagnostic support on computer and network hardware, basic scripting and querying in SQL or application layer languages, and serving as a primary technical liaison in district wide in projects.

DISTINGUISHING CHARACTERISTICS

This is the third level in the Information Systems Series. The Information Systems Specialist II is at an advanced level and implements/maintains cloud based software or platforms; runs queries in SQL or application layer languages against a variety of student and personnel data.

ESSENTIAL FUNCTIONS

- Troubleshoots hardware and software for the purpose of identifying and resolving operational issues and restoring services.
- Tests application software for ensuring that product matches defined requirements and expected functionality.
- Responds to support inquiries and/or other requests (e.g. staff, administrators, school site personnel, etc.) for providing technical assistance, advice, and support of the Student Information System.
- Creates, maintains, and troubleshoots application layer components of the Student Information System (e.g. bell schedules, ADA reporting, registration, etc.).
- Troubleshoots cloud based software or platforms (e.g. productivity suites, digital curriculum, data platforms, SIS, etc.) for the purpose of identifying and resolving operational issues and restoring services.
- Creates, troubleshoots, and runs queries in SQL or application layer languages; against a variety of data (e.g. student data, personnel data, etc.) for providing requested information and/or evaluating the accuracy of the data.
- Creates, maintains, and troubleshoots a variety of application layer integrations in cloud software or internal systems (e.g. digital curriculum, data platforms, SIS, etc.) for the purpose of identifying and resolving operational issues and restoring services.
- Acts as the primary liaison between Information Technology and other departments or school sites to facilitate the implementation, maintenance, and/or support of new software platforms as assigned.
- Compiles data from a wide variety of sources (e.g. attendance, enrollment counts, student information, etc.) for preparing reports.
- Collaborates with a variety of internal and external parties (e.g. District personnel, vendors, etc.) for the purpose of implementing and/or maintaining services.

- Prepares a variety of materials (e.g. training documents, video tutorials, procedures for new and existing software, etc.) for communicating information to other parties.
- Responsible for reviewing the District help desk inquiries (e.g. students, teachers, District personnel) and project management systems to facilitate timely completion of all requests and assigned tasks.
- Trains and participates in the creation of training material for teachers, administrators, staff, etc. for ensuring their ability to use new and/or existing electronic equipment, operating systems, and application software.
- Participates in meetings (e.g. school site, departmental, etc.) for the purpose of providing and/or gathering information.

OTHER FUNCTIONS

- Performs other related duties as assigned for ensuring the efficient and effective functioning of the work unit.

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of:

- Perform algebra and/or geometry.
- English language, grammar, spelling and punctuation
- Oral and written communication skills.
- Interpersonal skills using tact, patience, and courtesy.
- Read a variety of manuals.
- Write documents following prescribed formats, and/or present information to others.
- Solve practical problems.
- Standard operating procedures for personal computers and related peripheral equipment.
- Advanced technical knowledge of computer hardware/software and the electronic components attached or found within including the corresponding terminology.
- Cloud based software as a service platforms (G-suite, O365, etc.), Student Information Systems, SSO, and Digital Curriculum rostering platforms.
- Basic scripting and SQL or application layer queries.
- Support District Organization, operations, policies.

Skills and Abilities to:

- Perform multiple, technical tasks with a need to periodically upgrade skills in order to meet changing job conditions.
- Adhering to safety practices.
- Operating computer equipment and related peripherals.
- Planning and managing projects.
- Installing and maintaining electronic equipment.
- Schedule activities and/or meetings.
- Gather and/or collate data; and consider a number of factors when using equipment.
- Flexibility is required to work with others in a wide variety of circumstances.
- Work with data utilizing defined and similar processes.

- Operate equipment using a variety of standardized methods.
- Work with a diversity of individuals and/or groups; work with similar types of data.
- Utilize a variety of types of job- related equipment.
- Problem solving with data may require independent interpretation.
- Read, understand, and apply information from technical manuals or documentation.
- Clearly and concisely document in writing, the steps used to troubleshoot and solve hardware or software related issues.
- Communicates with users and outside contacts in a professional manner using patience, courtesy, and empathy to provide customer satisfaction.
- Communicate technical information to non-technical users.
- Follow both oral and written directions effectively.
- Problem solve with data, which requires independent interpretation of guidelines and problem solving with the specific ability to perform the functions of the job.
- Problem solving with equipment is moderate to significant.
- Setting priorities; meeting deadlines and schedules; and working with frequent interruptions.
- Apply integrity and trust in all situations.
- Works with, and learn from, team and project mentors.
- Present a positive image of Madera Unified School District.

RESPONSIBILITY

Responsibilities include working under limited supervision following standardized practices and/or methods; leading, guiding, and/or coordinating others; and operating within a defined budget. Utilization of resources from other work units is often required to perform the job's functions. There is a continual opportunity to have some impact on the organization's services.

WORKING ENVIRONMENT

The usual and customary methods of performing the job's functions require the following physical demands: occasional lifting, carrying, pushing, and/or pulling; some climbing and balancing; significant stooping, kneeling, crouching, and/or crawling; and significant fine finger dexterity. Generally, the job requires 33% sitting, 34% walking, and 33% standing. The job is performed under minimal temperature variations.

MINIMUM QUALIFICATIONS

Experience: Three (3) years of experience in the overseeing of systems programming, computer troubleshooting, and/or IT helpdesk work.

Education: High School diploma or equivalent.

OR

An equivalent combination of education, work experience, and certifications that demonstrates relevant possession of the requisite knowledge, skills, and abilities of the position may be substituted.

REQUIRED TESTING

- Pre-employment Proficiency
- Pre-employment Exam

CONTINUING EDUCATION/TRAININGS

- None Specified

CERTIFICATES/LICENSES

- Valid California Class C Driver's License

CLEARANCES

- DOJ/FBI Background
- TB Skin Test
- Physical Demands (A)