

Madera Unified School District Classified Job Description

Software Developer

Purpose Statement

Under general supervision, perform a variety of specialized duties in the development, implementation and maintenance of district developed or manufacturer developed system software packages to provide timely delivery of IT related services to District customers. Additionally engage in research, design, development and implementation of new system applications and features as appropriate.

This job reports to Executive Director of Accountability and Communication.

Essential Functions

- Analyze the feasibility of software development and integration projects; analyze request for application additions and revisions; confer with users to determine application requirements and desired functionality; resolve problems and provide support and assistance..
- Communicate with Madera Unified School District personnel and outside agencies to exchange information, coordinate activities and resolve issues or concerns.
- Design test plans; develop test data; execute test scenarios; analyze new and revised applications for effectiveness and compliance with established goals, standards, and procedures; run test data in actual computer operations; diagnose, document, and resolve programming defects and erroneous data.
- Facilitate the collection, management, manipulation, reporting, and distribution of computerized data used for analysis; design, upgrade and configure software applications to assure smooth running of assigned computer systems; develop and modify existing applications and procedures to improve and resolve problems with computerized reporting and record maintenance.
- Perform a variety of specialized duties in the development, maintenance, and analysis of complex business applications and databases to resolve software defects, meet district needs, enhance system and job performance and provide for system enhancements; develop and maintain source code for new and existing systems and applications.