PURPOSE STATEMENT: Under the direction of the Director-Information Technology, develop, implement, document, modify and maintain assigned Internet and Intranet applications; troubleshoot problems and manage related internal systems and applications projects; code, test and script programs and databases utilizing web-based interactive technologies; provide a full range of complex programming functions and analytical tasks for web-based applications and projects; provide technical support to Information Technology personnel and other District personnel.

ESSENTIAL FUNCTIONS:
Serve as primary technical resource for web application design and development to contribute to the District’s web related applications; provide server installation and upgrades, including Windows, VMware ESXI, vSphere, New SQL and Installs for Applications.

Assess client needs and develop working prototypes for the purpose of enhancing overall efficiency of operations; prepare and update system and user documentation; provide written reference and convey information; train selected personnel and ensure ability to use new and existing operating systems and web application software.

Provide website maintenance; troubleshoot hardware and software problems; provide technical advice and training and resolve technical issues; provide helpdesk maintenance on Webserver, MySQL, Some PHP programming, CSS and HTML5; maintain servers including WUS Windows Update Services and SCCM.

Test web application software; ensure that product matches defined requirements and expected functionality; provide internal web services utilizing IIS Nutrikids Exporter, WSUS, Imagine, Qi/Zangle, Helpdesk; provide desktop imaging utilizing Microsoft SCCM 2012R2, MDT, WSUS, Device Drivers and WDS.

Oversee websites and homepages, including format, content and maintenance; maintain current and accurate information; support external DNS services and internal AD DNS services; maintain external web services.

Maintain copiers mail services for SecurePoint including set-up of SMTP Configuration; develop web application program code, user interfaces, application and user documentation; install new software; upgrade and enhance departmental capabilities.

Configure ports on CISCO IOS for port channel connections to servers; confer with engineers on network security and configuration; develop, design, analyze, implement and maintain complex web-based application programs using desktop, web based programming language and tools.

Design and code programs; debug problem programs and implement new programs; ensure programs are tested; implement business antivirus programs; manage new deployments.

Design and draw new logos for District website; convert pictures and graphics; draw basic logos; resize and maintain pictures; create and maintain computer database systems and tables and SQL stored procedures; update new applications.

Manage user and group read and write access to web servers, backup, recovery and security processes; maintain internet, intranet and data security and operations; manage food service online payments, Nutrikids server-related issues and implementation of product upgrades.

Provide network solutions to LUSD.org domain; support domain registration and certificates issued within the domain; manage user and group read and write access to web servers, backup, recovery and security processes; maintain internet data security.

OTHER FUNCTIONS:
Perform other related duties as assigned; ensure the efficient and effective functioning of the work unit.

KNOWLEDGE, SKILLS AND ABILITIES:

KNOWLEDGE OF:
Principles and techniques of business process analysis and design.
Principles, practices and techniques of creating web applications, designing web pages and data base structures.
Web Developer
Elements of system and procedure analysis.
Principles of program design, coding, testing and implementation.
Principles of operations of computer technology and networking.
Programming and macro languages used in web based applications, database management systems and document management systems.
Principles of training and supporting technology users.
Interpersonal relationship techniques.
Principles of providing work direction and guidance to others.
Methods and procedures of operating server and desktop computers and peripheral equipment.

ABILITY TO:
Perform difficult and complex programming duties in the analysis of systems requirements and preparation of web applications, graphics and database structures.
Provide technical guidance to assigned personnel.
Create common application features in web-based applications, such as pop-up menus, forms, animation, and rotating graphics.
Analyze complex user problems, evaluate alternative and devise efficient cost-effective and user-friendly solutions.
Learn new programming or macro languages quickly.
Manipulate digital photographs for the web using advanced application software.
Understand multiple database structures, Report Writer techniques and forms design.
Meet schedules and timelines.
Work independently with little direction.
Plan, organize, coordinate and participate in systems and programming studies and analyses.
Research, compile, organize and analyze statistical and technical data.
Analyze, review and audit operation procedures and develop recommendations.
Conceptualize and develop computer processing solutions.
Provide technical guidance and recommendations concerning existing applications and systems.
Perform analysis and modification of existing web applications to meet changing needs and to provide for system enhancements.
Demonstrate proficiency in designated computer programming languages.
Communicate effectively both orally and in writing.
Maintain current knowledge of technological advances in the field.

EDUCATION AND EXPERIENCE:
Any combination equivalent to: Associate of Arts’ degree with a major in computer science or a related field and four years of increasingly responsible experience in Information Technology.

Licenses, Certifications and Other Requirements:
Certifications applicable to the position of Web Developer are recommended but not required.

WORKING CONDITIONS:
ENVIRONMENT:
Indoor/Office environment.
Constant interruptions.

PHYSICAL DEMANDS:
Dexterity of hands and fingers to operate a computer keyboard.
Hearing and speaking to exchange information.
Sitting for extended periods of time.
Bending at the waist, kneeling or crouching to reach computer equipment.
Seeing to view a computer monitor.
Lifting, carrying, pushing or pulling moderately heavy objects.

FLSA Status: Non-Exempt
Approval Date: 10/20/2011
Personnel Commission First Reading: 8/16/18
Personnel Commission Approval: 9/20/18
Salary Range: Classified – 57 (Approved 10/20/11)