CLASS TITLE:  SR. SOFTWARE DEVELOPER

PURPOSE OF THE CLASSIFICATION: Under direction assists with the development and testing for internal and external custom applications and provides maintenance support for information technology applications; and performs other related assigned duties.

ESSENTIAL TASKS:
• Responds to special user requests and/or project assignments
• Performs moderately complex programming
• Performs elementary systems design and analysis
• Responds to application problems
• Designs and implements user interfaces.
• Must report to work on a regular and timely basis

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

QUALIFICATIONS:
Training and Experience: Graduation from an accredited college or university with an associate's degree including coursework in statistics, mathematics, computer science, accounting or related fields; or an equivalent combination of training and experience per Personnel Policies and Procedures, Section 128.

Knowledge, Abilities and Skills: Considerable knowledge of methods, procedures and practices of programming for appropriate information technology environment; considerable knowledge of the operation and use of data processing and data communications; good knowledge of web server management; good knowledge of at least two generally recognized computer languages and proficiency in one; good knowledge of server-side processes, service development and server management; good knowledge of HTML and client side scripting; knowledge of encryption technology; knowledge of responsive web design; knowledge of version control. Specialization in one of these areas (.NET, SharePoint or JavaScript), with the ability to implement and design in that area; ability to work independently and to recognize, analyze, and solve complex programming problems; ability to document work; ability to analyze issues and to formulate sound concepts; ability to train others in basic programming work or related activities; ability to effectively communicate both verbally and in writing; ability to create and conduct technical presentations; ability to understand and influence the behavior of others within the organization, customers, or the public in order to achieve objectives and cause action or understanding. Skill in Microsoft SQL Server Development.

Physical Requirements: Physical requirements include arm and hand steadiness and finger dexterity enough to use a keyboard; frequent lifting and carrying up to 50 pounds; may be subject to or sitting for extended periods of time, walking, standing, reaching, bending, kneeling, handling, and twisting; and vision, speech, and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Possession of a valid Oklahoma Class "D" Operator's License.

WORKING ENVIRONMENT: Working environment is primarily indoors, with some traveling to various City locations to provide computer related assistance.

Class Code: 3533
EEO Code: N-03
Pay Code: IT-36

Group: Clerical and Administrative
Series: Data Processing and Information Services

Effective Date: July 24, 2017