SENIOR INFORMATION TECHNOLOGY PROFESSIONAL

GENERAL DEFINITION OF WORK

Individuals in this classification provide senior level professional services under general supervision. Job assignments which fall under this classification in the Department of Administration are: NET Developer, Application Development Administrator, Data Analytics Administrator, Database Administrator, Enterprise Content Administrator, Informatics Administrator, Network Administrator, Public Safety Systems Administrator, SQL Developer, Systems Administrator, and User Experience Administrator. Job assignments which fall under this classification in the Sheriff's Department are: Computer Forensic Professional.

DISTINGUISHING FEATURES OF THE CLASSIFICATION

This is a broad classification in which the employees are experienced professionals in one of the above areas. They have developed intermediate skills in specific areas and are continuing to add to their skill and experience level. Work is performed under general supervision. Principal Information Technology Professional level employees are used as mentors and leaders on the highly complex and large technical projects. Work is performed independently on less complex and smaller projects. Individuals must be able to take responsibility for prioritizing and completing their work in their assigned areas. They must be able to analyze information and problems, evaluate alternatives, resolve problems, implement solutions, and maintain existing applications/systems. They may work on teams for large projects and must be able to function as a team member. They are responsible for implementing new applications and for ensuring that existing systems are performing in a secure, efficient, and effective manner. To advance to the Principal level, they must demonstrate that they are achieving new competencies in addition to experience. Individuals typically select one area to concentrate in at this level and work toward developing advanced level expertise in that area.

QUALIFICATIONS

Essential Knowledge and Abilities

1. Comprehensive knowledge of modern principles and practices of information technologies.
2. Ability to analyze, follow through, resolve complex problems, implement solutions, and maintain existing applications/systems.
3. Ability to plan and organize projects and workload.
4. Ability to research and evaluate information and make appropriate recommendations.
5. Ability to prepare and maintain detailed and accurate records and reports.
6. Ability to communicate effectively, both orally and in writing.
7. Ability to work independently.
8. Ability to lead a team and function as a team member.
9. Ability to establish and maintain effective working relationships with co-workers, employees at all levels of the County, vendors, contractors, consultants, and the public.
10. Ability to effectively interact with sensitivity with persons from diverse cultural, socioeconomic, educational, racial, ethnic, and professional backgrounds, and persons of all ages and lifestyles.

Training and Experience

1. High School Diploma or GED.
2. Four (4) years of progressively responsible work experience in one or more applicable areas such as technology operations, applications and systems analysis, support, and development, network administration and support, database administration and support or a closely related field.
3. Post high school education from a recognized technical school, college, or university in computer science or a related area may be substituted for part of the work experience as follows:
    – Associate degree and three years of work experience
    – Bachelor's degree and two years of work experience
    – Master's degree and one year of work experience