



# City of Tempe

## ENTERPRISE NETWORK ENGINEER II+

### JOB CLASSIFICATION INFORMATION

<i>Job Code:</i>	385	<i>FLSA Status:</i>	Exempt
<i>Department:</i>	Internal Services	<i>Salary / Hourly Minimum:</i>	\$80,188
<i>Supervision Level:</i>	Non-Supervisor	<i>Salary / Hourly Maximum:</i>	\$108,254
<i>Employee Group:</i>	NSU	<i>State Retirement Group:</i>	ASRS
<i>Status:</i>	Classified	<i>Market Group:</i>	Enterprise Network Engineer II+
<i>Drug Screen / Physical:</i>	N	<i>EEO4 Group:</i>	Professionals

### DISTINGUISHING CHARACTERISTICS

This is the journey level class within the Enterprise Network Engineer series. Employees within this class are distinguished from the Enterprise Network Engineer I+ by the performance of complex telecommunications and LAN/WAN analysis and design duties. Employees at this level receive only occasional instruction or assistance as new or unusual situations arise, and are fully aware of the operating procedures and policies of the work unit. Positions in this class are flexibly staffed and are normally filled by advancement from the I-level, or when filled from the outside, more extensive telecommunications and LAN/WAN experience is required.

### REPORTING RELATIONSHIPS

Receives direction from the IT Supervisor or from other supervisory or management staff.

### MINIMUM QUALIFICATIONS

<i>Experience:</i>	Three years of LAN/WAN or telecommunications infrastructure engineering experience and proficiency in two of the following: switches and routers, trunked radio, cable engineering, voice networks, infrastructure security, wireless, or data communications.
<i>Education:</i>	Requires the equivalent to a Bachelor's degree from an accredited college or university with major course work in electronics or communications engineering or degree related to the core functions of this position.
<i>License / Certification:</i>	<ul style="list-style-type: none"> <li>• Must possess and maintain a valid driver's license.</li> <li>• Possession of a valid Cisco Certified Network Associate (CCNA) certification.</li> </ul>

### ESSENTIAL JOB FUNCTIONS

Essential job functions are the fundamental duties of a position: the things a person holding the job absolutely must be able to do.

To actively support and uphold the City's stated mission and values. To perform technical work in the long-range planning, design, and management of the electronic communications infrastructure utilized by the City; and to provide technical assistance to staff in the installation and maintenance of voice, data, video conferencing and radio equipment.

## OTHER DUTIES AS ASSIGNED

Please note this job description is not designed to cover or contain a comprehensive listing of all activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

- Perform job duties adequately and properly; follow personnel and department policies and operating procedures; show respect, tact, and courtesy in dealings with coworkers and the general public; behave in a manner that does not obstruct or hinder other employees from completing their duties; act in a manner that is safe and follow the City's safety procedures at all times.
- Develop tactical and long-range plans for the City's LAN/WAN and telecommunications infrastructure; perform routine analysis on the design and efficiency of the infrastructure to ensure that its current and future structure will meet the business needs of the City; install and maintain LAN/WAN and telecommunications infrastructure equipment; administer software related to management of the infrastructure.
- Act as project coordinator for technical projects of moderate complexity in such areas as integrated voice and data, local area and wide-area networks, video, wireless systems, trunked radio and related infrastructure.
- Assist in developing complex technical specifications for the design or purchase of communications equipment including fiber optic systems, high-speed cable, voice/data switches and routers, and related equipment; evaluate communications products.
- Assist in the development and implementation of long-term goals and objectives to meet the City's LAN/WAN and telecommunications infrastructure needs.
- Research LAN/WAN and telecommunications infrastructure equipment to ensure that it meets the specifications established by the City; recommend design, construction, installation, and maintenance of equipment.
- Manage building projects including horizontal cabling, communications needs, underground assets, and permitting.
- Prepare operational reports including project status, equipment, network, inventory and area activity summaries; develop and maintain procedures manuals.
- Participate in budget preparation and administration; prepare cost estimates for budget recommendations; monitor and control expenditures.
- Participate in the selection of staff.
- Maintain contact with vendors to obtain information on product changes and new products; call vendors for status reports on purchases.
- Attend professional meetings and conferences as required.
- Perform related duties as assigned.
- Physically present to perform the duties of the position.

## PHYSICAL DEMANDS AND WORK ENVIRONMENT

- Pending

## COMPETENCIES

CLASSIFICATION LEVEL	INCLUDES	COMPETENCIES
Foundational	All Employees	Inclusion, Communication, Interpersonal Skills, Integrity, Professionalism, and Willingness to Learn
Non-Supervisory	In Addition >	Teamwork, Customer Service, Initiative, and Dependability / Reliability
Supervisory	In Addition >	Staffing, Monitoring Work, Delegating, Development / Mentoring, and Support Others
Manager	In Addition >	Preparing / Evaluating Budgets, Monitoring / Controlling Resources, and Motivating / Inspiring
Deputy Director	In Addition >	Entrepreneurship and Networking
Director	In Addition >	Organizational Vision

*For more information about the City of Tempe's competencies for all classifications:*

[City of Tempe, AZ : Competencies](#)

## JOB DESCRIPTION HISTORY

*Effective November 1988*

*Reviewed October 1995*

*Revised April 2001*

*Revised November 2001*

*Revised May 2002 (changed to flex-class)*

*Revised July 2003 (title change; range adjustment; duties to include additional LAN/WAN focus)*

*Revised January 2008 (Certs)*