

**TOMPKINS COUNTY CIVIL SERVICE  
EXAMINATION  
Inclusion Through Diversity**

**OPEN TO THE PUBLIC**

**Tompkins County Department of Human Resources Office  
125 E. Court Street  
Ithaca, NY 14850  
(607) 274-5526**

**Tompkins County is an Equal Opportunity/Affirmative Action employer. Minorities and women are encouraged to apply**

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**TITLE:** NETWORK SPECIALIST

**EXAM NO:** 88155010

**SALARY:** Depends upon location: Tompkins County \$64,792 Newfield Central School \$50,000

**TYPE OF EMPLOYMENT:** Full time

**EXAM DATE:** 12/07/24

**ISSUE DATE:** 09/26/24

**THE FINAL DATE TO FILE APPLICATIONS:** 10/26/24

**DATE THAT THIS ANNOUNCEMENT SHOULD BE REMOVED FROM POSTING:** 12/08/24

**RESIDENCY:** Candidates must have been legal residents of Tompkins County or one of the six adjoining counties (Cayuga, Chemung, Cortland, Schuyler, Seneca, Tioga) for at least one month immediately preceding the date of application and maintain residency. For Examinations: The eligible list resulting from the examination will be established in accordance with the final earned numerical ratings of passing candidates regardless of residence. A municipality or district may exercise its right under section 23-4-a. of Civil Service Law to request a certification of eligible candidates who have been residents of that municipality or district for at least one month prior to appointment. After the names of residents have been exhausted, Tompkins County must then certify the names of non-residents on the list.

**THE USE OF A QUIET HAND-HELD CALCULATOR IS ALLOWED FOR THIS EXAMINATION.**

**LOCATION OF POSITION:**

There is currently multiple vacancies in the title of Network Specialist located at various agencies in Tompkins County. The eligible list resulting from this open competitive examination may be used to fill any full-time, part-time or temporary vacancies that may occur during the life of the eligible list.

**MINIMUM QUALIFICATIONS: EITHER:**

1. Graduation from a regionally accredited or New York State registered four-year college or university with a Bachelor's Degree in computer science, computer information systems, electrical technologies or a closely related field **AND** two(2) years of full-time paid (or the equivalent part-time and/or volunteer) experience in a network environment; **OR**
- (b) Graduation from a regionally accredited or New York State registered two- year college with an Associate's Degree in computer science, computer information systems, electrical technologies or a closely related field **AND** four (4) years of full-time paid (or the equivalent part-time and/or volunteer) experience in a network environment; **OR**

(c) Graduation from high school or possession of a high school equivalency diploma **AND** six (6) years of full-time paid (or the equivalent part-time and/or volunteer) experience in a network environment; **OR**

(d) Any equivalent combination of training and experience as described in (a),(b)or (c) above.

**Tompkins County is Committed to Equity and Inclusion. We encourage those with similar values to apply.**

**DISTINGUISHING FEATURES OF THE CLASS:**

This is technical work involving the development, coordination, and management of various computer network activities. This includes working with various offices, agencies, departments, school districts, local government bodies, etc., to develop and coordinate computer networks and interconnections. Coordination is required of all other activities to establish and maintain a regional wide area network initiative. The incumbent may be required to work with various agencies to form joint project plans and develop arrangements between multiple parties within the region. Operation and oversight on one or more networks may be required. The incumbent performs these duties under the general supervision of the Network Administrator. Although supervision is not a primary function, the incumbent may supervise projects and work groups, as well as provide technical oversight. Considerable leeway is allowed for the exercise of independent judgment. The incumbent will perform all related duties as required.

**TYPICAL WORK ACTIVITIES:**

- Collect information supporting analyses to include cost information, legal requirements, user requirements and other related information;
- Provide oral and written reports to appropriate boards and project stakeholders, as well as to the public;
- Set up and maintain network computer hardware and software, with proper cabling and connections to ensure entire system is operational;
- Research and define problems in terms of objectives, system constraints, compatibility requirements, space, impact on resources, etc;
- Develop and document operational procedures;
- Communicate with vendors and technical support to aid in the solution of network hardware and software problems;
- Perform research, specifications and cost information for budgetary analysis and planning;
- Meet with committees and supervisors on a regular basis;
- Assist in training others and providing Help Desk support.

**FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

- Good technical knowledge of current and evolving Internet and Cybersecurity technologies;
- Good technical knowledge of local and wide area networks;
- Good knowledge of network protocols and management systems;
- Good knowledge of network operating systems.
- Good technical ability with and knowledge of computer networks and network servers, as well as the ability to assimilate network technologies;
- Ability to exercise independent judgment;
- Ability to develop reports, proposals, cost analyses and other documentation;
- Ability to work with various telecommunications suppliers and/or vendors;
- Ability to troubleshoot server problems;
- Physical condition commensurate with the demands of the position.

**Complete Scope of the examination and Expanded subtest descriptions:**

**Preparing written material**

These questions test for the ability to present information clearly and accurately, and to organize paragraphs logically and comprehensibly. For some questions, you will be given information in two or three sentences followed by four restatements of the information. You must then choose the best version. For other questions, you will be given paragraphs with their sentences out of order. You must then choose, from four suggestions, the best order for the sentences.

**Project management**

These questions are designed to test for techniques and concepts of project management. They may cover, but not necessarily be confined to, management of systems development, management by objectives, project scheduling and control techniques (e.g., PERT), characteristics of organizations and of the systems life cycle, and the development of data processing standards.

**Principles of providing user support**

These questions test for knowledge and skill in working in a user support situation. They cover such subjects as how to communicate effectively with users requesting help; how to deal with different types of situations; troubleshooting techniques; and how to gather, organize and make available technical information needed to provide support.

**Systems analysis and design**

These questions test for techniques and concepts of computer systems analysis and design. They cover such subjects as feasibility and applications studies, systems development tools and software, the systems life cycle, types of systems (e.g., client/server, Web-based), controls, and systems documentation, testing, and implementation.

**Test guide:**

The New York State Department of Civil Service has not prepared a test guide for this examination. However, candidates may find information in the publication 'General Guide to Written Tests' helpful in preparing for this test. This publication is available on line at: <https://www.cs.ny.gov/testing/testguides.cfm>.

## FURTHER INFORMATION AND INSTRUCTIONS

Falsification of any part of the "Application for Employment" will result in disqualification.

Accepted candidates will be notified when and where to appear for the examination. If you do not receive your notice to appear at least three days before the date of the written examination, call Tompkins County Department of Human Resources at 274-5526. If an application is disapproved, due notice will be sent. This department does not make formal acknowledgment of the receipt of an application or take responsibility for non-delivery or postal delay.

Applicants must answer every question on the application form and make sure that the application is complete in all respects. Incomplete applications will be disapproved.

**ACTIVE MILITARY PERSONNEL, VETERANS OR DISABLED VETERANS** desiring to claim additional credit will request the Veterans Credits application form, at any time between the date of application for examination(s) and the date of the establishment of the resulting eligible list. You must meet the requirements set by NYS for these credits and they may be used only once. **YOU MAY NOT CLAIM ADDITIONAL CREDITS AFTER THE ELIGIBLE LIST HAS BEEN ESTABLISHED. IT IS THE CANDIDATE'S RESPONSIBILITY TO REQUEST THE VETERANS CREDIT APPLICATION FORMS AND TO SUBMIT THESE FORMS AND ANY SUPPORTING PAPERWORK BEFORE THE ELIGIBLE LIST IS ESTABLISHED.**

Tompkins County's written examinations are prepared and rated by the New York State Department of Civil Service in accordance with Section 23-2 of Civil Service Law. The provisions of the New York State Civil Service Rules and Regulations, which deal with the rating and review of the examinations apply.

The duration of the eligible lists may be fixed for a minimum of one and a maximum of four years and may be extended beyond four years if there has been a restriction against the filling of vacancies in that title.

The candidates must complete a separate "Application for Employment" for each open-competitive and/or promotional examination that the candidate is eligible to take.

All experience required meeting the acceptable training and experience is full-time experience. (Part-time experience will be credited on a prorated basis).

Appointment from an eligible list must be made from the top three candidates willing to accept the appointment.

Tompkins County is an Equal Opportunity Employer. As part of its efforts to provide employment opportunities to the physically handicapped, Tompkins County Civil Service has adopted a rule permitting the employment of qualified physically handicapped persons without competitive examination (pursuant to Section 55 of Civil Service Law). If you meet the minimum qualifications for this position and wish to know more about this rule, please contact the Tompkins County Department of Human Resources Office.

Unless otherwise notified, candidates are permitted to use quiet, hand-held, and solar or battery powered calculators. Devices with Typewriter Keyboards, Spell Checkers, Personal Digital Assistants, Address Books, Language Translators, Dictionaries or any similar devices are prohibited. You may not bring books or other reference materials.

**CROSS-FILING - APPLYING FOR CIVIL SERVICE EXAMINATIONS IN MULTIPLE JURISDICTIONS WHEN EXAMINATIONS ARE SCHEDULED ON THE SAME DATE:** When applying for examinations across multiple jurisdictions - all of which are scheduled on the same day - you must submit a Tompkins County Cross-Filing Form. This form must be submitted no later than 4:30 PM on the final filing date of the examination. On this form, list each examination that you are taking and then tell us where you would like to sit. The purpose is to ensure that all of the test materials for the various examinations that you are taking will be available in one location. If you do not provide the cross-filing form to us by the final filing date, we cannot ensure that we can accommodate your desire to cross-file. If any of the examinations are State level examinations, you must sit at the State test center. You will still need to complete the Tompkins County cross-filing form. If sitting at the State site, the State will notify you of when and where to report for your examination(s) and you should bring all admittance letters to the State site. If you are not taking a State examination, bring all admittance letters to your chosen testing site. If you have any question please call Tompkins County Department of Human Resources Department (607) 274-5526. The Cross File form is located at <http://www.tompkins-co.org/personnel/CivilSrvForms/index.html>

**FOR RELIGIOUS ACCOMMODATION AND HANDICAPPED PERSONS:** If special arrangements for testing are required, please indicate this on your application.

**ALL CANDIDATES FOR EMPLOYMENT FOR POSITIONS IN SCHOOL DISTRICTS AND BOCES GOVERNED BY TOMPKINS COUNTY CIVIL SERVICE MAY HAVE THE FOLLOWING SPECIAL REQUIREMENT. PER CHAPTER 180 OF THE LAWS OF 2000, AND BY REGULATIONS OF THE COMMISSIONER OF EDUCATION, TO BE EMPLOYED IN A POSITION DESIGNATED BY A SCHOOL DISTRICT OR BOCES AS INVOLVING DIRECT CONTACT WITH STUDENTS, A CLEARANCE FOR EMPLOYMENT FROM THE STATE EDUCATION DEPARTMENT IS REQUIRED.**

In conformance with Section 85-a of the Civil Service Law, children of firefighters and police officers killed in the line of duties shall be entitled to receive an additional ten points in a competitive examination for original appointment in the same municipality in which his or her parent has served. If you are qualified to participate in this examination and are a child of firefighter or police officer killed in the line of duties in this municipality, please inform this office of this matter when you submit your application for examination. A candidate claiming such credit has a minimum of two months from the application deadline to provide the necessary documentation to verify additional credit eligibility. However, no credit may be added after the eligible list has been established.

**BACKGROUND INVESTIGATION:** Applicants may be required to undergo a State and national criminal history background investigation, which will include a fingerprint check, to determine suitability for appointment. Failure to meet the standards for the background investigation may result in disqualification.

TOMPKINS COUNTY PERSONNEL DEPARTMENT, 125 EAST COURT STREET, ITHACA, NY 14850