

DATE: May 8, 2024

TO: **ALL COUNTY EMPLOYEES AND ELIGIBLE CANDIDATES**
(This is a competitive class position.)

FROM: Alan Macaluso, Director of Information Services,
25 South Manor Avenue, Kingston, NY 12401

JOB VACANCY: Technology Engineer (GIS) / Permanent/Provisional / Full-Time / Benefited

LOCATION: So Manor Complex

SALARY: \$41.49 / hour (Grade 18)

FILL DATE: May 29, 2024



DISTINGUISHING FEATURES OF THE CLASS: An incumbent in this class is responsible for professional level application development, modification and maintenance in preparing and developing a geographic information system in the Ulster County Department of Information Services. Responsibilities include computer mapping, database development, programming applications and support systems for use on the central Geographic Information System (GIS) database, as well as collecting and compiling data from both internal and external sources. The incumbent is also responsible for the collection of data from a Global Positioning System (GPS), and training on the use of data collection equipment. Incumbents are expected to exercise independent judgment, as the position is responsible for acting in a lead capacity in the coordination and implementation of project initiatives. Work is performed under the general supervision of a higher-level technology engineer or team leader. Supervision may be exercised over subordinate personnel. Does related work as required.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good Knowledge of the principles and techniques of Geographic Information Systems as applicable to County, municipal and regional government; good knowledge of relational database software (Microsoft SQL Server); good knowledge of automated mapping standards; working knowledge of ESRI GIS software (ArcGIS) and extensions including Spatial Analyst and 3D Analyst, etc.; working knowledge of ESRI internet mapping and server products (ArcIMS, ArcGIS Server, ArcSDE); working knowledge of other CAD and GIS software packages especially AutoCAD; working knowledge of Global Positioning Systems (GPS); ability to effectively communicate, both orally and in writing; resourcefulness; tact; good judgment; accuracy; thoroughness; initiative; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Either:

A. Graduation from a regionally accredited or New York State registered college or university with a Master's Degree in Planning, Geography, Geographic Information Systems or Management Information Systems or a related field; **OR**

B. Graduation from a regionally accredited or New York State registered college or university with a Bachelor's Degree in Planning, Geography, Geographic Information Systems or Management Information Systems or a related field and two (2) years of developing and maintaining GIS programs in a governmental agency or private enterprise; **OR**

C. Graduation from a regionally accredited or New York State registered college or university with a Associates Degree in Planning, Geography, Geographic Information Systems or Management Information Systems or a related field and four (4) years of experience developing and maintaining GIS programs in a governmental agency or private enterprise; **OR**

D. An equivalent combination of training and experience within the limits defined by A, B and C above.

IF COLLEGE OR UNIVERSITY EDUCATION IS INDICATED; TRANSCRIPTS ARE REQUIRED AND SHOULD BE ATTACHED TO ALL APPLICATIONS RECEIVED. A CANDIDATE LACKING THE REQUIRED TRANSCRIPTS WILL RECEIVE A CONDITIONAL APPROVAL PENDING THE RECEIPT OF TRANSCRIPTS.

Special Requirement for appointment to Ulster County positions: In accordance with Ulster County Legislative Local Law Number 14 of 2007 or by other State and Federal Statutes, candidates for employment to all Ulster County positions must obtain clearance for appointment from the Department of Criminal Justice Services or other mandated Federal and State regulatory authority based upon fingerprinting and a criminal history background check.

ULSTER COUNTY IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

All qualified applicants will receive consideration for employment without regard to age, race, color, religion, gender, creed, national origin, physical or mental disability, marital status, veteran status, disabled veteran status, or status as a member of any other protected group or activity.