



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

GIS ANALYST II

Job Number: 20001874

Job Code: 97810V250216

Job Group: 9700 - INFORMATION MANAGEMENT SUPPORT

Job Established: 05/16/1991

Job Revised: 02/16/2025

Grade: 14 Salary (MIN - MID):

\$22,602-\$33,903 - Hourly

\$3,672.84-\$5,509.24 - 37.5 Hr. Monthly Salary

\$3,917.68-\$5,876.52 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$32,271 - Hourly

\$5,244.04 - 37.5 Hr. Monthly Salary

\$5,593.64 - 40 Hr. Monthly Salary

PROBATIONARY PERIOD:

This job has an initial and promotional probationary period of 6 months, except as provided in KRS 18A.111.

CHARACTERISTICS OF THE JOB: *Characteristics of a job are general statements indicating the level of responsibility and discretion of positions in that job classification. These are not intended to be an exhaustive list.*

Utilizes geographic information system (GIS) hardware and software to perform technical GIS activities. Analyzes spatial data and produces map products showing results. Develops geospatial applications for automation using scripting programming language; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

Graduate of a college or university with a bachelor's degree. Applicant must have successfully completed six semester hours in computer science, data processing, or geographic information system courses.

EXPERIENCE, TRAINING, OR SKILLS:

Two years experience in a technology or GIS-related field.

Substitute EDUCATION for EXPERIENCE:

A master's degree in GIS-related field will substitute for two years of experience.

Substitute EXPERIENCE for EDUCATION:

Additional experience in a technology or GIS-related field will substitute for the bachelor's degree requirement on a year-for-year basis OR Related technical or vocational training will substitute for the bachelor's degree requirement on a year-for-year basis.

SPECIAL REQUIREMENTS (AGE, LICENSURE, REGULATION, ETC.):

NONE

EXAMPLES OF DUTIES OR RESPONSIBILITIES OF THE JOB CLASSIFICATION: *Examples of duties or responsibilities are not to be construed as describing what the duties or responsibilities of any position shall be and are not to be construed as limiting the appointing authority's ability to assign, or otherwise alter the duties and responsibilities of a position. This is not intended to be an exhaustive list.*

Develops and configures geospatial applications using scripting programming language. Uses existing GIS software to capture & manage spatial data. Provides quality analysis on data. Produces map products showing results with spatial analysis. Provides user support for GIS applications. Leads GIS training classes. Creates technical and user documentation for applications. Designs and develops software to meet end users' GIS application needs. Compiles, inputs, modifies, and enhances spatial data and maps. Produces GIS computer models using digital spatial tools and tabular information. Provides user support and training for geographic database and map systems. Develops specifications for use in conversion of hardcopy map products to digital format. Designs and preforms testing programs to do quality analysis on digitized data and map products. Provides guidance in the use of externally-sourced data such as aerial photography, UAS-collected data, Global Positioning System (GPS) data, elevation data, scanned imagery, deeds, plats, CADD drawings, etc., in the course of system development. Performs business analysis on existing business processes to define new GIS processes for data creation, analysis, and maintenance. Designs, documents, and implements digital map products. Provides technical reviews on agency policies and processes and how they impact spatial data. Provides user support and training for geographic database and mapping software; teaches classes in classroom and remote settings. Provides technical support and analysis in back-end maintenance of GIS implementations. Maintains currency in the industry standards for aerial photography, remotely sensed data, use of Global Positioning System (GPS) data, or scanned imagery in the course of system development.

UNIQUE PHYSICAL REQUIREMENTS:

Any unique physical requirements necessary to perform the duties of a specific position will be listed on the individual position description, if applicable.

TYPICAL WORKING CONDITIONS: *Incumbents in the job will typically perform their job duties under these conditions.*

Incumbents working in this job title primarily perform duties in an office setting.

ADDITIONAL REQUIREMENTS:

Upon employment, employees in this job classification may be required to maintain a valid driver's license and may be required to drive a licensed vehicle. This status may be necessary for the length of time in this job classification. If this is necessary, it will be listed in the specific position description for the position at issue. Applicants and employees in this job classification may be required to submit to a drug- screening test and background check. Applicants and employees in positions which perform job duties that may require contact with offenders in the custody or supervision of the Department of Corrections or with youth in the care, custody, or supervision of the Department of Juvenile Justice must meet qualifications pursuant to the federal Prison Rape Elimination Act, 28 C.F.R.115.17 and 115.317.

The Commonwealth of Kentucky does not discriminate on the basis of race, color, sex, disability, age, national origin, religion, sexual orientation, gender identity or expression, pregnancy or related medical condition, marital or familial status, ancestry, political affiliation, genetic information, or veteran status in accordance with state and federal laws.