COMMONWEALTH OF KENTUCKY
JOB CLASS SPECIFICATION

SYSTEMS ENGINEER IT

Job Number: 20001514

Job Code: 73370V230916

Job Group: 7300 - INFORMATION MANAGEMENT SYSTEMS

Job Established: 06/16/1982

Job Revised: 09/16/2023

Grade: 17	Salary (MIN - MID):	Special Entrance Rate:
	$28.633-$42.950 - Hourly	NONE
	$4,652.86-$6,979.38 - 37.5 Hr. Monthly Salary	NONE
	$4,963.06-$7,444.68 - 40 Hr. Monthly Salary	NONE

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.*

Performs duties associated with the development and maintenance of high priority, new information technology and/or complex computer systems. Coordinates the work of IT professionals to achieve project deadlines. Reviews project progress and provides technical advice to information technology management on resource utilization; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

Graduate of a college or university with a bachelor's degree.

EXPERIENCE, TRAINING, OR SKILLS:

Four years of professional experience in computer programming, systems analysis, systems support, or computer operating systems.

Substitute EDUCATION for EXPERIENCE:

Related technical or vocational training will substitute for the bachelor's degree requirement on a year-for-year basis. A master's degree in computer science will substitute for one year of the required experience.

Substitute EXPERIENCE for EDUCATION:

Experience in computer programming, systems analysis, and/or computer operations will substitute for the bachelor's degree requirement on a year-for-year basis. Experience in business or public administration, statistics, research, or a related field 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.*

Serves as project leader in the development and maintenance of high priority, new information technology and/or complex computer systems. Determines resource and performance requirements for large-scale development projects. Directs the installation of application software packages used by project personnel and user clients. Coordinates the evaluation, testing and acceptance of application software packages. Directs project personnel in the cost-effective use of computing resources, including application of software tools, use of data base systems, use of storage media and the use of the network. Provides technical advice and assists programmer/analyst personnel in designing, coding, testing and debugging computer systems. Interacts with outside consultants and/or contractors to determine and secure necessary technical resources to fulfill contracted obligations. Provides outside consultants and/or contract personnel technical support in the use of the State's computing resources. Reviews and approves the design and development of data base structures. Responsible for the resolution of problems encountered by project personnel in the use of other computing facilities. Serves as project team contact for support provided by systems programmers, data base analysts and programmer/analysts. Identifies performance and/or technical issues affecting project progress and advises information technology management as to their resolution.

UNIQUE PHYSICAL REQUIREMENTS:

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

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

ADDITIONAL REQUIREMENTS:

Upon appointment, employees in this class may be required to maintain a valid driver's license and required to drive a licensed vehicle. This status may be necessary for the length of time in this class. If this is necessary it will be listed in the specific position description for that position. Applicants and employees in this job title 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.