



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

ENGINEER I

Job Number: 20001403

Job Code: 70370V230916

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 06/16/1982

Job Revised: 09/16/2023

Grade: 16 Salary (MIN - MID):

\$27,348-\$41,022 - Hourly

\$4,444.06-\$6,666.08 - 37.5 Hr. Monthly Salary

\$4,740.32-\$7,110.48 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$34.992 - Hourly

\$5,686.20 - 37.5 Hr. Monthly Salary

\$6,065.28 - 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.*

Performs professional engineering work in the review, design, construction and maintenance of facilities or structures. Manages and oversees activities of engineering projects and/or programs with minimal phases and/or limited scope of work. Applies engineering principles to produce computerized engineering reports, plans and drawings. Reviews and approves engineering documents and recommendations prepared by technical and sub-professional personnel as a Licensed Professional Engineer; and performs other duties as required.

MINIMUM REQUIREMENTS:

EDUCATION:

See Special Requirements.

EXPERIENCE, TRAINING, OR SKILLS:

NONE

Substitute EDUCATION for EXPERIENCE:

NONE

Substitute EXPERIENCE for EDUCATION:

NONE

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

Must be licensed as a professional engineer by the Kentucky Board of Engineers and Land Surveyors. <http://kyboels.ky.gov/>.
Must maintain any required licensure(s), certification(s), or other credentials for the length of employment in this job

classification. Employing agency is responsible for ensuring employee possesses and maintains required licensure(s), certification(s) or other credentials.

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 specifications, design drawings, and guidelines for the construction or renovation of structures or facilities. Reviews architectural, mechanical, and electrical plans and specifications in all stages of submission for compliance with applicable codes and regulations. Estimates project costs and monitors costs throughout the project to avoid overruns. Inspects and supervises the inspection of construction projects to ensure compliance with plans and specifications. Applies engineering principles to produce computerized engineering reports, plans, and drawings. Writes and/or modifies computer programs for engineering projects. Interprets regulations and policies for contractors and departmental personnel. Makes recommendations concerning implementation or revision in departmental regulations and policies. Prepares engineering correspondence and policy memos. Directs or coordinates the work of construction and survey crews, contractors and other professional, technical and sub professional personnel. Monitors the efficient use of office supplies, maps, drafting, and survey equipment. Operates various engineering equipment, office machinery, mainframe and personal computers, and plotters. Must accurately perform highly technical work under strict construction deadlines while maintaining reasonable project costs. Prepares, reviews, and maintains engineering reports, survey documents, contracts and construction drawings. Regularly confers on technical and operational problems with contractors, material and supply vendors, local, state, and federal officials and other engineering professionals. Performs duties in the office and outdoors. Travels throughout the state to project sites in areas which are subject to heat, cold, dust, noise and the hazards encountered around construction sites.

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.*

Work is typically performed in both an office setting and in the field making on-site inspections. Some hazardous conditions may exist at construction sites and while surveying hazardous terrain which require the following of safety procedures. Extensive travel may be required.

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.