



COMMONWEALTH OF KENTUCKY JOB CLASS SPECIFICATION

ENGINEER-IN-TRAINING I

Job Number: 20001397

Job Code: 70250V230916

Job Group: 7000 - ENGINEERING AND GEOLOGICAL

Job Established: 01/16/1984

Job Revised: 09/16/2023

Grade: 13 Salary (MIN - MID):

\$20,549-\$30,824 - Hourly

\$3,339.22-\$5,008.90 - 37.5 Hr. Monthly Salary

\$3,561.84-\$5,342.84 - 40 Hr. Monthly Salary

Special Entrance Rate:

\$26,292 - Hourly

\$4,272.46 - 37.5 Hr. Monthly Salary

\$4,557.28 - 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 technical engineering work on projects with a smaller scope to develop practical skills in support of academic theory to provide sufficient competence to qualify for registration as a professional engineer under KRS Chapter 322; and performs other duties as required. (Engineering decisions by positions of this job title must be reviewed and approved by a KRS Chapter 322 Licensed Professional Engineer.)

MINIMUM REQUIREMENTS:

EDUCATION:

Graduate of a college or university with an accredited bachelor's degree in engineering.

EXPERIENCE, TRAINING, OR SKILLS:

NONE

Substitute EDUCATION for EXPERIENCE:

NONE

Substitute EXPERIENCE for EDUCATION:

NONE

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

Must possess a valid driver's license prior to employment in this job classification. Certification as an Engineer-In-Training recognized by the Kentucky Board of Engineers and Land Surveyors. 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 possess 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.*

Performs engineering tasks in design and review of engineering projects and evaluates the data thereby collected for conformance with engineering theory and practices. Based on the foregoing task analysis, recommends the results for inclusion or exclusion in finalized plans or plan revisions. Oversees portions of construction projects to analyze data collected personally or by inspection personnel to determine whether the various tasks performed by the contractor conform to approved plans and engineering standards. Based on the foregoing analysis, recommends acceptance or revision of contractors' work. Through analysis of onsite data recommends review and/or alteration of design plans through a series of detailed engineering steps or processes. Performs and/or analyzes tests on natural phenomenon to determine suitability for inclusion in engineering projects. Analyzes results of tests on construction materials for conformance with engineering standards and specifications. Reviews specifically assigned portions for proposed construction plans for conformance with environmental control standards. Reviews utility plans and construction and production standards to analyze engineering cost benefit analysis with reference to utility rates. Assists in the design of computer software to accomplish analysis of engineering problems.

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 will perform duties in an office setting as well as in a field setting.

ADDITIONAL REQUIREMENTS:

Upon employment, employees in this job classification may be required to drive a licensed vehicle. 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.