|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CAREER FAMILY:** Information Technology | **CAREER SERIES:** IT Engineer | | **CAREER LEVEL:** Intermediate | |
| **CLASSIFICATION TITLE:**  IT Engineer | **JOB CLASSIFICATION CODE:** | **FLSA:** | **EEO CODE:** | **CAREER SERVICE STATUS:** |
| **CLASSIFICATION SUMMARY:** The IT Engineer has broad technical knowledge and designs, develops, documents, tests, and debugs new and existing systems and/or software; uses standard and/or specialized languages and tools to create data and source code; maintains and documents functionality; creates sub-tasks given larger development requests; possesses functional knowledge of presentation, business, and/or data access development layers; and serves as a project team member.  A **Development Technology Domain** is defined as any infrastructure, data, network, security, service, platform, enterprise business application, geographic information, software, information management, cloud and virtual computing, storage, and connectivity system in the development and/or build environment. | | | | |
| **DUTIES**   * Reconcile process and performance using proven industry methods. * Perform root cause analysis in response to system failure. * Expand and optimize existing infrastructure, pipelines, systems, and/or applications. * Develop and modify functions, programs, routines, and stored procedures to extract, transform, and/or load data. * Test and maintain information management system infrastructure. * Follow emerging technology trends applicable to an assigned development technology domain. * Author transition to production/operations documentation. * Serve as an escalation point for tier 2 help requests. * Analyze, acquire, compile, and maintain spatial and tabular data and appropriate metadata. * Design, develop, and maintain user interfaces; build responsive web experiences across a variety of browsers and devices using current and emerging techniques. * Apply various languages and tools that join systems; maintain quality and integrity. * Collaborate with senior IT engineers to identify system, software, and/or data relationships and functional requirements. * Design new systems and/or enhancements to existing solutions. * Coach less experienced team members. * Perform other duties as assigned. | | | | |
| **REQUIRED EDUCATION:**  Any combination of education and experience that clearly demonstrates the ability to perform the job duties of the position | | | | |
| **REQUIRED LICENSES/CERTIFICATIONS:**  Some licenses, certifications, and other requirements determined to be necessary to meet the business needs of the employing unit may be required | | | | |
| **CLASSIFICATION HISTORY:**  MM/YYYY – Created | | | | |