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| **CAREER FAMILY:** Information Technology  | **CAREER SERIES:** IT Production Engineer  | **CAREER LEVEL:** Senior |
| **CLASSIFICATION TITLE:** IT Production Engineer – Senior | **JOB CLASSIFICATION CODE:** | **FLSA:** | **EEO CODE:** | **CAREER SERVICE STATUS:** |
| **CLASSIFICATION SUMMARY:** The IT Production Engineer – Senior is responsible for the operational maintenance, availability, capacity, and/or connectivity of any assigned production technology domain; ensures storage, backup, and recovery environments and plans are compliant with defined standards and operational procedures; evaluates complex configuration, enhancement, capacity, utilization, security, inter-operability, and/or integration issues of an assigned production technology domain; and serves as a subject matter expert (SME) on assigned projects.A **Production Technology Domain** is defined as any infrastructure, network, security, database, service, platform, enterprise business application, geographic information, software, information management, cloud and virtual computing, hybrid, storage, connectivity, desktop, communication, middleware, monitoring, and/or reporting system in the production, operation, and/or administration environment.  |
| **DUTIES***In addition to the duties for lower level classifications within the IT Production Engineer series the IT Production Engineer – Senior will:** Analyze and test the performance impact of new and emerging technologies and processes; documenting functional requirements and technical specifications of new solutions.
* Lead the testing of service performance after change management is implemented.
* Work with stakeholders and customers to research, evaluate, and recommend improvements to various processes.
* Develop and maintain standards, processes, and improvements.
* Serve as an escalation point for advanced and complex technical support, incidents, and service requests.
* Lead, troubleshoot, and ensure production, test, and networked environments are current.
* Design and implement new systems, enhancements, interfaces, physical and logical data models, spatial database directory structures, and/or websites.
* Contribute to the development of governance, group charters, and agreements.
* Maintain technical road maps and documentation incorporating emerging developments and changes.
* Establish, monitor, and enforce security policy and standards.
* Develop and serve as a SME for technical requirements, statements of work, contracts, proposals, studies, reports, designs, and/or documentation packages.
* Implement and maintain technology architecture designs.
* Recognize and identify potential areas where existing policies and procedures require change or development.
* Automate routine tasks to scale productivity.
* Participate in change management, architectural reviews, and risk mitigation processes.
* Perform other duties as assigned.
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| **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 |