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| **CAREER FAMILY:** Information Technology | **CAREER SERIES:** IT Production Engineer | | **CAREER LEVEL:** Principal | |
| **CLASSIFICATION TITLE:** IT Production Engineer - Principal | **JOB CLASSIFICATION CODE:** | **FLSA:** | **EEO CODE:** | **CAREER SERVICE STATUS:** |
| **CLASSIFICATION SUMMARY:** The IT Production Engineer - Principal acts as a technical lead and owns the design, implementation, operation, and support of an assigned production technology domain; troubleshoots complex technical issues and mitigates risk through technical solution development; plans and configures new and emerging production domain technology in support of client requirements and King County business needs; establishes and formulates security and integrity controls, policy, procedure, and standards; and develops long-term technology strategies.  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 – Principal will:*   * Oversee assigned aspects of technical projects including project scope, communications, priorities, goals, and deliverables with various stakeholders; assist with related technical issues and support of architecture needs. * Document the designs of new and/or emerging technologies; provide in-team training on new and/or emerging technology; and ensure that appropriate documentation exists. * Ensure the assigned production technology domain is secure using industry standards and techniques. * Act as final escalation point for the resolution of production technology related problems. * Identify and implement technology roadmaps. * Develop and implement service agreements; perform periodic reviews. * Act as a project lead for technical requirements, statements of work, contracts, proposals, studies, reports, conceptual and detailed designs, drawings, and/o documentation packages. * Analyze and identify recurring incidents and problems; lead problem management processes to resolve. * Communicate with, consult, advise, and/or present solution options, business process improvement, and integration of business and technical requirements to senior management, cross functional teams, and stakeholders. * Act as a lead in change management, architectural review, and risk mitigation processes. * 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 | | | | |