

STSI Commercial Labor Categories

Labor Category	Position Duties / Responsibilities
Agile Test Engineer I	Maintain and execute software test methodology, including: <ul style="list-style-type: none"> • Responsible for ensuring proper execution of test scripts and documentation of test results in test logs or defect tracking systems; • Responsible for ensuring that the test designs and documentation support all applicable client, agency or industry standards, time lines and budgets. • Responsible for the development of test data to be used in performing the required tests. Qualifications: High school degree with 1 - 2 years of professional experience.
Agile Test Engineer II	Maintain and execute software test methodology, including: <ul style="list-style-type: none"> • Support development and maintenance by debugging issues; isolating root cause of issues and partnering with development and maintenance on problem resolution; • Responsible for ensuring proper execution of test scripts and documentation of test results in test logs or defect tracking systems; • Responsible for ensuring that the test designs and documentation support all applicable client, agency or industry standards, time lines and budgets. • Responsible for the development of test data to be used in performing the required tests. Qualifications: High school degree with 3 - 4 years of professional experience.
Agile Test Engineer III	Maintain and execute software test methodology, including: <ul style="list-style-type: none"> • Develop/review comprehensive test strategies; test plans; test effort sizing and schedules; Define, evaluate, and/or develop required test tools and test equipment; Execute and add value to in-depth install, upgrade, feature, function test suites; • Plan regression strategy and perform regressions, including the lab maintenance and set up; • Support development and maintenance by debugging issues; isolating root cause of issues and partnering with development and maintenance on problem resolution; • Responsible for ensuring proper execution of test scripts and documentation of test results in test logs or defect tracking systems; • Responsible for ensuring that the test designs and documentation support all applicable client, agency or industry standards, time lines and budgets. • Responsible for the development of test data to be used in performing the required tests. Qualifications: Bachelor's degree with 1 - 2 years of professional experience.
Agile Test Engineer IV	Maintain and execute software test methodology, including: <ul style="list-style-type: none"> • feature and system Test, integration test, feature regression and automation; Review Product Requirements Document, SW Functional and Design Specifications, and other relevant documentation to extract detailed test cases and provide additional requirements for testability; • Develop/review comprehensive test strategies; test plans; test effort sizing and schedules; Define, evaluate, and/or develop required test tools and test equipment; Execute and add value to in-depth install, upgrade, feature, function

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	<p>test suites;</p> <ul style="list-style-type: none"> • Plan regression strategy and perform regressions, including the lab maintenance and set up; • Support development and maintenance by debugging issues; isolating root cause of issues and partnering with development and maintenance on problem resolution; • Responsible for ensuring proper execution of test scripts and documentation of test results in test logs or defect tracking systems; • Responsible for ensuring that the test designs and documentation support all applicable client, agency or industry standards, time lines and budgets. • Responsible for the development of test data to be used in performing the required tests. <p>Qualifications: Bachelor's degree with 3 - 4 years of professional experience.</p>
Analyst I	<p>Participate in all phases of the system development life cycle, including systems analysis, design, integration, development support, testing, and implementation activities. Duties include:</p> <ul style="list-style-type: none"> • Support the development of application software and documentation • Support platform alternative analysis and preparing technical reports recommending an appropriate development environment. • Develop and participate in presentations and demonstrations to contractor and client staff concerning system development life cycle activities • Perform analysis, and develop reports, presentation documents, and media in support of client specific information resource management requirements • Support the design and development of application prototypes as part of the rapid application development process <p>Qualifications: Minimum 2 years' experience and a Bachelor's degree</p>
Analyst II	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Perform systems analysis, design, integration, development, testing, and implementation activities • Participate in the development of application software and system documentation • Perform platform alternative analysis and preparing technical reports recommending an appropriate application development environment • Participate in presentations and demonstrations to contractor and client staff concerning system development life cycle activities • Perform analysis, and develop reports, presentation documents and media, in support of client specific information resource management requirements. • Design and develop application prototypes as part of the rapid application development process <p>Qualifications: Minimum 4 years' experience and a Bachelor's degree</p>
Analyst III	<p>Performs planning, estimating, organizing, staffing, and executing agile projects. Additionally, provides full application system life cycle support, which includes designing and developing applications, and managing projects. Duties include:</p> <ul style="list-style-type: none"> • Management of and participation in all phases of agile system development, including rapid prototype development • Manage and perform systems analysis, design, integration, development, automated testing, and implementation activities • Manage the platform alternative analysis, including modern frontend and backend open source software options, and prepares technical reports

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	<p>recommending an appropriate application development environment</p> <ul style="list-style-type: none"> • Manage and participate in presentations and demonstrations to users and client staff, incorporating feedback into the development process • Manage and perform analysis, and develops reports, presentation documents and media to ensure strategic alignment of technical design with business direction • Manage the design and development of application prototypes as part of the rapid application development process • Manage and perform analysis, report preparation and presentations in support of client information resource management requirements <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree.</p>
<p>Business Intelligence Specialist I</p>	<p>Typically required to work as a team member under the supervision or direction of senior personnel. Provides support to the Lead Business Intelligence Developer and other Developers on the team in the areas of Business Objects of Extract Transformation Load.</p> <ul style="list-style-type: none"> • May provide support in validating and translating Quality reports. • Possess understanding of design and development activities within this environment. • Assist in the creation reporting SOP's as well as following the Rational Unified Process (RUP). • Support team in collecting detailed data analysis that includes data lineage (source and target definition), transformation analysis and design, and detailed data mapping; • Exposure to workflows that includes maintaining database connections, file directory maintenance, control-of-flow logic; • ability to write scripts that schedule and monitor workflows; • Ability to verify execution and results. • Ability to design and use available technology to integrate (replicate, extract, transform and load) and improve the quality of enterprise data assets. • Ability to perform data analysis that includes data lineage (source and target definition), transformation analysis and design, and detailed data mapping; • Exposure to workflows that includes maintaining database connections, file directory maintenance, control-of-flow logic; • experience writing scripts that schedule and monitor workflows; • ability to verify execution and results. <p>Qualifications: Minimum 2 years' experience and a Bachelor's degree</p>
<p>Business Intelligence Specialist II</p>	<p>Typically required to work as a team member under the supervision or direction of senior personnel. Provides support to the Lead Business Intelligence Developer and other Developers on the team in the areas of Business Objects /or Extract Transformation Load.</p> <ul style="list-style-type: none"> • May provide support in validating and translating Quality reports. • Possess understanding of design and development activities within this environment. • Assist in the creation reporting SOP's as well as following the Rational Unified Process (RUP). • Support team in collecting detailed data analysis that includes data lineage (source and target definition), transformation analysis and design, and detailed data mapping; • ability to design workflows that includes maintaining database connections, file directory maintenance, control-of-flow logic;

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	<ul style="list-style-type: none"> • Ability to write scripts that schedule and monitor workflows; • Ability to verify execution and results. • Ability to design and use available technology to integrate (replicate, extract, transform and load) and improve the quality of enterprise data assets. • Ability to perform data analysis that includes data lineage (source and target definition), transformation analysis and design, and detailed data mapping; • Exposure to workflows that includes maintaining database connections, file directory maintenance, control-of-flow logic; • Experience writing scripts that schedule and monitor workflows; • Ability to verify execution and results. <p>Qualifications: Minimum 4 years' experience and a Bachelor's degree</p>
Business Intelligence Specialist III	<p>Typically required to work as a team member under the supervision or direction of senior personnel. Overall responsibility for providing support to the Lead Business Intelligence Developer and other Developers on the team in the areas of Business Objects of Extract Transformation Load.</p> <ul style="list-style-type: none"> • May provide support in validating and translating Quality reports. • Possess understanding of design and development activities within this environment. • Assist in the creation reporting SOP's as well as following the Rational Unified Process (RUP). • Support team in collecting detailed data analysis that includes data lineage (source and target definition), transformation analysis and design, and detailed data mapping; • ability to design workflows that includes maintaining database connections, file directory maintenance, control-of-flow logic; • ability to write scripts that schedule and monitor workflows; ability to verify execution and results. • Demonstrated ability to design and use available technology to integrate (replicate, extract, transform and load) and improve the quality of enterprise data assets. • Demonstrated ability to perform detailed data analysis that includes data lineage (source and target definition), • Transformation analysis and design, and detailed data mapping; ability to design workflows that includes maintaining database connections, file directory maintenance, control-of-flow logic; • Ability to write scripts that schedule and monitor workflows; • Ability to verify execution and results. <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
Business Intelligence Specialist IV	<p>This position is the lead technical architect in one of the following areas: Data Architecture, Data Visualization or Extract Transformation Load (ETL).</p> <ul style="list-style-type: none"> • Provides overall responsibility for establishing one or more of these entities in support of other analysts, architects or developers on the team. • Plays a critical role in enabling the ability to bring order and insight to the data. Provides leadership of migration approach, standards, reusable components, and solution architecture for enterprise application data migration. • May be involved in guiding a team of developers in the use of standard methods and ETL tools to achieve project objectives. • May possess deep knowledge of ETL technologies used by the team.

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	<ul style="list-style-type: none"> • Perform adaptive and preventative maintenance planning and implementation. • Collaborate with Analysts and developers on the efficient use of hardware/software and how those technologies can be applied to effective data visualization applications. • May advise, consult, and collaborate with business users, developers, and management from all business areas in the creation of visualizations to support business insight and decision making. • May possess thorough knowledge of application design for enhanced visualization capabilities. • Carry out "hands on" development of data visualizations in support of projects. • Provides advanced technical support in the research, experimentation, business analysis and use of systems technology including architecture, integration capabilities and database management. • Additionally, he or she may provide assistance in coordinating software upgrades and the installation of new products. • Works closely with other IT groups to coordinate current and future plans and activities, including coordination and technical assistance to facilitate specific development projects that involve the computing environment, the coordination of software upgrades and the installation of new products. • Recognizes and identifying potential areas where existing policies and procedures require change, or where new ones need to be developed, especially regarding future business expansion. <p>Qualifications: Minimum 10 years' experience and a Bachelor's degree</p>
Database Specialist I	<p>Directing and participating in all phase of database system design and maintenance as part of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Perform systems analysis, design, and integration activities • Perform platform alternative analysis and preparing technical reports recommending appropriate database architecture • Participate in the design of application prototypes as part of the rapid application development process • Provide data dictionary development and end user training, and consulting with other system development professionals <p>Qualifications: Minimum 4 years' experience and a Bachelor's degree</p>
Database Specialist II	<p>Directing and participating in all phase of database system design and maintenance as part of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Perform systems analysis, design, and integration activities • Perform platform alternative analysis and preparing technical reports recommending appropriate database architecture • Participate in the design of application prototypes as part of the rapid application development process • Provide data dictionary development and end user training, and consulting with other system development professionals <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
Database Specialist III	<p>Direct and participate in all phase of database system design and maintenance as part of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Participate in the generation of ad hoc and/or structured queries to access specific data from a computer system • Perform analysis of topic specific data in support of client goals • Prepare reports and documentation to support analytic findings

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	<ul style="list-style-type: none"> • Participate in presentations and demonstrations to contractor and client staff concerning topic specific analysis • Develop system presentation documents and media • Participate in the design of computer models to support topic specific analysis <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree</p>
Designer I	<p>Performs user needs analysis, provides input to the design of user interface displays and interactive elements:</p> <ul style="list-style-type: none"> • Participates in usability testing under the direction of a Senior Interaction Designer. • Assists with creating wireframes and preparing documentation, including summarized notes from user sessions, usability test observations, and user stories. • Interacts with pilot users and feedback session participants to gather input on user experience issues, and proposes design alternatives. • Possesses requisite knowledge and experience in usability and user experience design for simple applications and/or information repositories. <p>Qualifications: High School diploma and 1 years of experience</p>
Designer II	<p>Performs user needs analysis, provides input to the design of user interface displays and interactive elements:</p> <ul style="list-style-type: none"> • participates in usability testing under the direction of a Senior Interaction Designer. • Assists with creating wireframes and preparing documentation, including summarized notes from user sessions, usability test observations, and user stories. • Interacts with pilot users and feedback session participants to gather input on user experience issues, and proposes design alternatives. • Possesses requisite knowledge and experience in usability and user experience design for simple applications and/or information repositories. <p>Qualifications: High School diploma and 3 years of experience</p>
Designer III	<p>Performs user needs analysis, provides input to the design of user interface displays and interactive elements:</p> <ul style="list-style-type: none"> • participates in usability testing under the direction of a Senior Interaction Designer. • Assists with creating wireframes and preparing documentation, including summarized notes from user sessions, usability test observations, and user stories. • Interacts with pilot users and feedback session participants to gather input on user experience issues, and proposes design alternatives. • Possesses requisite knowledge and experience in usability and user experience design for complex applications and/or information repositories. <p>Qualifications: Bachelor's degree</p>
Designer IV	<p>Performs user needs analysis, provides input to the design of user interface displays and interactive elements:</p> <ul style="list-style-type: none"> • participates in usability testing • Creates wireframes and prepares documentation, including summarized notes from user sessions, usability test observations, and user stories. • Interacts with pilot users and feedback session participants to gather input on user experience issues, and proposes design alternatives.

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	<ul style="list-style-type: none"> • Possesses requisite knowledge and experience in usability and user experience design for complex applications and/or information repositories. <p>Qualifications: Minimum 2 years' experience and a Bachelor's degree</p>
Developer I	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Participate in, at a minimum, the systems design development, testing and implementation and maintenance phases of the System Development Life Cycle (SDLC) • Participate in all phases of systems development, including programming, customization, testing (unit testing, systems qualification testing, integration testing and user acceptance testing), documentation, and acceptance and maintenance phases • Review programming requirements; create code, apply customizations, and develop refinements to requirements in specified media; provide program support, testing, debugging, and writing documentation as required <p>Qualifications: Minimum 1 years' experience</p>
Developer II	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Serve as project developer with experience in the development of web based systems utilizing products & languages such as HTML, XML, .NET, ASP, J2EE, JSP, Java, Oracle or Microsoft application servers, and component based architectures • Develop or program enhancements to and maintain web based application software with emphasis on the integration of user interfaces with web application RDBMS • Participate in all phases of the system development life cycle, including systems analysis, design, integration, development support, testing, and implementation activities • Support the development of web based application software and documentation. • Develop and participate in presentations and demonstrations to contractor and client staff concerning web based system development life cycle activities <p>Qualifications: Minimum 2 years' experience</p>
Developer III	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Serve as both lead and project developer with experience in the development of web based systems utilizing products & languages such as HTML, XML, .NET, ASP, J2EE, JSP, Java, Oracle or Microsoft application servers, and component based architectures • Develop or program enhancements to and maintain web based application software with emphasis on the integration of user interfaces with web application RDBMS • Participate in all phases of the system development life cycle, including systems analysis, design, integration, development support, testing, and implementation activities • Support the development of web based application software and documentation. • Develop and participate in presentations and demonstrations to contractor and client staff concerning web based system development life cycle activities <p>Qualifications: Minimum 4 years' experience or a Bachelor's degree</p>
DevOps Engineer I	<p>Assists with applying business process practices to engineer methodologies/principles and business projects. Proficient at:</p> <ul style="list-style-type: none"> • Coding – Code development and review, continuous integration tools • Building – Version control tools, code merging, build status • Testing– Test and results determine performance

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	<ul style="list-style-type: none"> • Packaging – Artifact repository, application pre-deployment staging • Releasing – Change management, release approvals, release automation • Configuring – Infrastructure configuration and management, Infrastructure as Code tools • Monitoring – Applications performance monitoring, end user experience • Experience with systems and IT operations • Comfort with collaboration, open communication and reaching across functional borders <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
DevOps Engineer II	<p>Applies process and engineering methodologies and principles to conduct process modernization projects.</p> <ul style="list-style-type: none"> • Responsible for effective transitioning of existing project teams and the facilitation of project teams in the accomplishment of project activities and objectives. • Additional duties may include activity and data modeling, developing modern business methods, identifying best practices, and creating and assessing performance measurements. • Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. Key coordinator between multiple project teams to ensure enterprise-wide integration of reengineering efforts. • Ability to use a wide variety of open source technologies and tools • Ability to code and script • Experience with systems and IT operations • Comfort with frequent, incremental code testing and deployment • Strong grasp of automation tools • Data management skills • A strong focus on business outcomes • Comfort with collaboration, open communication and reaching across functional borders <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree</p>
DevOps Engineer III	<p>Applies process improvement and engineering methodologies and principles to conduct process modernization projects.</p> <ul style="list-style-type: none"> • Provides group facilitation, interviewing, training, and provides additional forms of knowledge transfer. • Key coordinator between multiple project teams to ensure enterprise-wide integration of reengineering efforts. • Should apply as appropriate, activity data modeling, transaction flow analysis, and internal control and risk analysis, modern business methods and applies performance measurement techniques. • Assist in establishing standards for information systems procedures. • Develops and applies organization-wide information models for use in designing and building integrated, shared software and database management systems. Co • Constructs sound, logical business improvement opportunities consistent with corporate Information Management guiding principles, cost savings, and system architecture objectives. • Senior level supervisors provide daily supervision and direction to staff. • Ability to use a wide variety of open source technologies and tools • Ability to code and script • Experience with systems and IT operations

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	<ul style="list-style-type: none"> • Comfort with frequent, incremental code testing and deployment • Strong grasp of automation tools • Data management skills • A strong focus on business outcomes • Comfort with collaboration, open communication and reaching across functional borders <p>Qualifications: Minimum 10 years' experience and a Bachelor's degree</p>
Documentation Specialist I	<p>Develops application system documents in support of system development life cycle activities. Duties include:</p> <ul style="list-style-type: none"> • Participate in the generation of computer system documentation including the development of requirements and user documentation • Organize, outline, plan, format and develops documentation with a minimum of direction • Prepare reports and documentation to support client and contractor goals • Participate in presentations and demonstrations to contractor and client staff concerning topic specific analysis • Develop and review system presentation documents and media <p>Qualifications: Minimum 2 years' experience and an Associate's degree</p>
Documentation Specialist II	<p>Develop application system documents in support of system development life cycle activities. Duties include:</p> <ul style="list-style-type: none"> • Develop and present document control training sessions. • Participate in the generation of computer system documentation including the development of requirements and user documentation • Organize, outline, plan, format and develop documentation with a minimum of direction • Prepare reports and documentation to support client and contractor goals • Participate in presentations and demonstrations to contractor and client staff concerning topic specific analysis • Develop and review system presentation documents and media <p>Qualifications: Minimum 4 years' experience and an Associate's degree</p>
Documentation Specialist III	<p>Develop application system documents in support of system development life cycle activities. Duties include:</p> <ul style="list-style-type: none"> • Direct and coordinate activities of staff, preparing work schedules and assigning specific duties • Provide team leadership and guidance to less experienced Document Specialists • Establish document control policies working closely with technical writing, implementation and configuration management staff • Develop and presents document control training sessions. • Participate in the generation of computer system documentation including the development of requirements and user documentation • Organizes, outlines, plans, formats and develops documentation with a minimum of direction • Prepare reports and documentation to support client and contractor goals • Participate in presentations and demonstrations to contractor and client staff concerning topic specific analysis • Develop and review system presentation documents and media <p>Qualifications: Minimum 6 years' experience and an Associate's degree</p>

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ERP Developer I	<p>Provides full life cycle development, implementation and operations for ERP systems implementation. Duties include:</p> <ul style="list-style-type: none"> • Perform analysis, development, testing and implementation of requested upgrades, enhancements, and changes to ERP Financial or Human Resources applications • Develop code and perform testing and debugging of program code. • Provide program support, testing, debugging, and writing documentation as required • Provide troubleshooting and production support for ERP applications • Design and develop application prototypes as part of the rapid application development process <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree.</p>
ERP Engineer I	<p>Provides full life cycle development, implementation and operations for ERP systems implementation. Duties include:</p> <ul style="list-style-type: none"> • Perform analysis, development, testing and implementation of requested upgrades, enhancements, and changes to ERP Financial or Human Resources applications • Review programming requirements; create code, apply customization, and develop refinement to requirements in specified media; provide program support, testing, debugging, and writing documentation as required • Provide troubleshooting and production support for ERP applications • Design and develop application prototypes as part of the rapid application development process <p>Qualifications: Minimum 3 years' experience and a Bachelor's degree.</p>
ERP Engineer II	<p>Provides full life cycle development, implementation and operations for ERP systems implementation. Duties include:</p> <ul style="list-style-type: none"> • Perform analysis, development, testing and implementation of requested upgrades, enhancements, and changes to ERP Financial or Human Resources applications • Review programming requirements; create code, apply customization, and develop refinement to requirements in specified media; provide program support, testing, debugging, and writing documentation as required • Provide troubleshooting and production support for ERP applications • Design and develop application prototypes as part of the rapid application development process <p>Qualifications: Minimum 5 years' experience and a Bachelor's degree.</p>

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ERP Engineer III	<p>Provides technical leadership and hands-on development, implementation and operations of complex ERP systems implementations. Duties include:</p> <ul style="list-style-type: none"> • Plan, direct, and participate in any/all phases of the system development life cycle • Provide requirements and functional support of applications working directly with clients in managing their requests; understanding their requirements and translating business requirements to functional specifications through hands-on analysis and design • Perform analysis, development, testing and implementation of requested upgrades, enhancements, and changes to ERP Financial or Human Resources applications • Provide troubleshooting and production support for ERP applications • Provide alternative platform analysis and preparing technical reports recommending an appropriate applications development and/or production hardware/software environment • Prepare and delivering presentations and demonstrations for contractor and client staff concerning system development life cycle activities • Design and develop application prototypes as part of the rapid application development process <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree.</p>
IT Consultant I	<p>Participates in all phases of agile development projects. Duties include:</p> <ul style="list-style-type: none"> • Direct and participate in all phases of agile development projects • Perform systems architecture, analysis, design, integration, development, automated testing, and implementation activities • Participate and direct the development of backend applications and API endpoints, including modern open source frameworks for web applications, database platforms, search technology, etc. • Perform platform alternative analysis and preparing technical reports recommending an appropriate application development environment • Participate in presentations and demonstrations to users and client staff, incorporating feedback into the development process • Design and develop application prototypes • Perform analysis, technology research, report preparation and presentations in support of client strategic technology alignment <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
IT Consultant II	<p>Experience in application systems development, in an IT services environment performing system development life cycle activity; including the use of application development tools. Duties include:</p> <ul style="list-style-type: none"> • Direct and participate in any/all phases of the system development life cycle • Perform systems analysis, design, integration, development, testing, and implementation activities • Direct the development of application and related software documentation. • Perform platform alternative analysis and preparing technical reports recommending an appropriate application development environment • Provide presentations and. demonstrations to contractor and client staff concerning system development life cycle activities • Develop system presentation documents and media • Design and developing application prototypes as part of the rapid application development process • Perform analysis, report preparation, and presentations in support of client

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	<p>information resource management requirements</p> <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree</p>
<p>IT Consultant III</p>	<p>Provides managerial and technical leadership for development, implementation and operations of a complex information technology systems implementation. Individual is recognized for their experience in providing guidance to senior executives. Duties include:</p> <ul style="list-style-type: none"> • Plan, direct, and participate in any/all phases of the system development life cycle • Plan, direct, and evaluate systems analysis, design, integration, development, testing, and implementation activities • Direct the development of application and software documentation • Perform alternative platform analysis and preparing technical reports recommending an appropriate applications development environment • Provide presentations and demonstrations to contractor and client staff concerning system development life cycle activities • Design and develop application prototypes as part of the rapid application development process • Perform analysis, report preparation, and presentations in support of client information resource management requirements <p>Qualifications: Minimum 10 years' experience and a Bachelor's degree</p>
<p>Network Engineer I</p>	<p>The Infrastructure Engineer is responsible for:</p> <ul style="list-style-type: none"> • Plan, direct, and participate in any/all phases of system infrastructure projects • Establish system information requirements; performing analysis and design of the systems and applications infrastructures; developing and maintaining enterprise-wide infrastructures for large scale information systems • Develop and implement architecture to include the software, hardware, and communications capabilities • Analyze network and communications characteristics (e.g., traffic, connect time, transmission speeds, packet sizes and throughput) and recommending procurement, removals and modifications to network/communications components • Design and optimize network / communications topologies and site configurations • Plan, install, transition, and perform cutover of network / communications components and capabilities • Evaluate network and communications hardware and software, troubleshooting LAN/WAN and other network related problems, and performing general LAN/WAN and communications system administration <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree.</p>
<p>Network Engineer II</p>	<p>Plan, direct, and participate in any/all phases of system infrastructure design and DevOps automation. Duties include:</p> <ul style="list-style-type: none"> • Establish system information requirements; performing analysis and design of the systems and applications infrastructures; develop and maintain enterprise-wide infrastructures for large scale information systems • Integrate development process with continuous integration pipeline, including automated server configuration/build and deployment • Design architecture to include the software, hardware, and communications to support the total requirements as well as providing for present demands and future scalability in a cloud environment • Analyze network and communications characteristics (e.g., traffic, connect time,

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	<p>transmission speeds, packet sizes and throughput) and recommend procurement, removals and modifications to network / communications components</p> <ul style="list-style-type: none"> • Design and optimize network / communications topologies and site configurations • Plan, install, transition and cutover of network / communications components and capabilities • Evaluate options including “infrastructure as a service” providers <p>Qualifications: Minimum 8 years’ experience and a Bachelor’s degree.</p>
<p>Program Manager I</p>	<p>Provides direction for highly complex projects and initiatives that have significant impact on the company. Responsible for the definition, implementation and execution of an IT program within the organization. Duties include:</p> <ul style="list-style-type: none"> • Manage teams of IT and business area professional, including planning, assigning and tracking work plans, tasks and individual assignments • Estimate and schedule multiple, concurrent, complex tasks for major development projects • Identify, recommend and implement enterprise architecture and system development methodologies • Lead highly visible, complex IT projects using expertise in application, data and network architectures • Perform IT strategic planning <p>Qualifications: Minimum 8 years’ experience and a Bachelor’s degree.</p>
<p>Program Manager II</p>	<p>Responsible for the execution of Enterprise wide initiatives that involve collaboration with others in the organization to ensure alignment and successful implementations for business. Provides direction for highly complex projects and initiatives that have significant impact on the company. Responsible for the definition, implementation and execution of an IT program within the organization. Duties include:</p> <ul style="list-style-type: none"> • Manage teams of IT and business area professional, including planning, assigning and tracking work plans, tasks and individual assignments • Estimate and schedule multiple, concurrent, complex tasks for major development projects • Identify, recommend and implement enterprise architecture and system development methodologies • Lead highly visible, complex IT projects using expertise in application, data and network architectures • Perform IT strategic planning <p>Qualifications: Minimum 10 years’ experience and a Bachelor’s degree.</p>
<p>Program Manager III</p>	<p>Responsible for the execution of Enterprise wide initiatives that involve collaboration with others in the organization to ensure alignment and successful implementations for business. Provides direction for highly complex projects and initiatives that have significant impact on the company. Responsible for the definition, implementation and execution of an IT program within the organization. Duties include:</p> <ul style="list-style-type: none"> • Manage teams of IT and business area professional, including planning, assigning and tracking work plans, tasks and individual assignments • Estimate and schedule multiple, concurrent, complex tasks for major development projects • Identify, recommend and implement enterprise architecture and system development methodologies • Lead highly visible, complex IT projects using expertise in application, data and network architectures

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	<ul style="list-style-type: none"> • Perform IT strategic planning <p>Qualifications: Minimum 14 years' experience and a Bachelor's degree. Advanced certification in Project management, Framework or methodologies in at least one area</p>
Programmer Analyst I	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Serve as project developer with experience in the development of web based systems utilizing products and languages such as HTML, XML, .NET, ASP, VBScript, J2EE, JavaScript, JSP and Java • Develop or program enhancements to and maintaining web based application software with emphasis on user interfaces to web applications, and web page design and development • Develop graphical screen mock ups using tools such as Adobe Photoshop, HTML, HTTP, and JavaScript • Support the development of application software and documentation <p>Qualifications: Minimum 2 years' experience and a Bachelor's degree</p>
Programmer Analyst II	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Develop or program enhancements to, and maintains application software, • Perform application design, programming, customization, documentation and implementation of applications activities. • Participate in all phases of application programming development with emphasis on programming, customization, testing, documentation and acceptance phases. • Review programming requirements; create code, apply customizations, and develop refinements to requirements in specified media, provides program support, tests, debugs, and writes documentation as required. <p>Qualifications: Minimum 4 years' experience and a Bachelor's degree</p>
Programmer Analyst III	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Perform systems analysis, design, integration, development, testing, and implementation activities • Develop application software and system documentation • Perform platform alternative analysis and prepare technical reports recommending an appropriate application development environment • Participate in presentations and demonstrations to contractor and client staff concerning system development life cycle activities • Develop system presentation documents and media • Design and develop application prototypes as part of the rapid application development process <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
Programmer Analyst IV	<p>Leads and participates in all phases of agile development for complex IT projects. Duties include:</p> <ul style="list-style-type: none"> • Perform development, maintenance, operations, troubleshooting and production support for application software, including modern open source frontend web software frameworks and interaction with RESTful APIs • Perform application design, programming, customization, documentation and implementation of software • Participate in all phases of development with emphasis on programming, automated testing, documentation, and production support <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>

Labor Category	Position Duties / Responsibilities
Project Manager I	<p>Responsible for the performance of all staff. Works directly with the government management to ensure that project goals are clearly defined and that all parties have a common understanding of what is expected. Duties include:</p> <ul style="list-style-type: none"> • Direct the daily and task related activities in an IT services, contract support environment • Provide work assignments and schedules to subordinate staff • Task order performance and conformance • Meet with client task leaders and other client agency representatives • Produce all task order deliverables, as well as, organizing, planning and directing task order activity • Staff performance under the subject task order • Apply quality assurance measures within the subject task order • Review and approve all work products generated, and ensuring that all products meet client requirements as identified within the subject task order <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree.</p>
Project Manager II	<p>Responsible for the performance of all staff. Works directly with the government management to ensure that project goals are clearly defined and that all parties have a common understanding of what is expected. Duties include:</p> <ul style="list-style-type: none"> • Direct the daily and task related activities in an IT services, contract support environment • Provide work assignments and schedules to subordinate staff • Task order performance and conformance • Meet with client task leaders and other client agency representatives • Produce all task order deliverables, as well as, organizing, planning and directing task order activity • Staff performance under the subject task order • Apply quality assurance measures within the subject task order • Review and approving all work products generated, and ensuring that all products meet client requirements as identified within the subject task order <p>Qualifications: Minimum 10 years' experience and a Bachelor's degree.</p>
Project Manager III	<p>Plans, coordinates, and manages all aspects of complex information technology projects. Works directly with the client's Oversight Project Manager or Technical Monitor to ensure that the project goals are clearly defined and that all parties have a common anticipation of what is expected. Other duties include:</p> <ul style="list-style-type: none"> • Direct all complex aspects of the project such as change control management, risk management and risk containment strategies • Prepare and present projects status regarding schedule, costs, tasks, and deliverables • Provide work assignments and schedules to subordinate staff • Task order performance and conformance • Meet with client management and other client agency representatives • Produce all task order deliverables, as well as organizing, planning, and directing task order activity • Staff performance under the subject task order • Apply quality assurance measures within the subject task order • Review and approve all work products generated, and ensuring that all products meet client requirements as identified within the subject task <p>Qualifications: Minimum 12 years' experience and a Bachelor's degree.</p>

Labor Category	Position Duties / Responsibilities
Security Specialist I	<p>Plan, direct, and provide technical and specialized guidance, and solutions to complex information security challenges</p> <ul style="list-style-type: none"> • Performs the design, implementation and support of appropriate access protection; system integrity/reliability; audit control; system recovery methods and procedures; prevention of breaches, intrusions, and/or system abuses; awareness training; and compliance with federal and agency IT security policy directives and regulations • Respond to and remediate information security events related to add/change/deletes and other user privilege changes, respond to and escalate incidents where warranted • Perform duties such as: application, log, OS, network level forensic analysis; work within a closely coordinated team during emergencies, responding to computer incidents, insure compliance with client policy, audit, and regulatory requirements <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
Security Specialist II	<p>Plan, direct, and participate in any/all phases of system security related projects. Duties include:</p> <ul style="list-style-type: none"> • Provide highly technical and specialized guidance, and solutions to complex information security challenges • Perform the design, implementation and support of appropriate access protection; system integrity/reliability; audit control; system recovery methods and procedures; prevention of breaches, intrusions, and/or system abuses; awareness training; and compliance with federal and agency IT security policy directives and regulations • Respond to and remediate information security events related to add/change/deletes and other user privilege changes, respond to and escalate incidents where warranted • Perform duties such as: application, log, OS, network level forensic analysis; work within a closely coordinated team during emergencies, responding to computer incidents, insure compliance with client policy, audit, and regulatory requirements. <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree</p>
Security Specialist III	<p>Plan, direct, and participate in any/all phases of system security related projects. Duties include:</p> <ul style="list-style-type: none"> • Interpret and develop application and infrastructure architectures, compliance guidelines, business requirements, engineering and operations standards using industry best practices • Develop appropriate security specifications, detailed architecture diagrams, requirements and provide highly technical and specialized guidance, and solutions to complex information security challenges • Perform the design, implementation and support of appropriate access protection; system integrity/reliability; audit control; system recovery methods and procedures; prevention of breaches, intrusions, and/or system abuses; awareness training; and compliance with federal and agency IT security policy directives and regulations <p>Qualifications: Minimum 10 years' experience and a Bachelor's degree</p>

Labor Category	Position Duties / Responsibilities
Systems Analyst I	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Participate in, at a minimum, the systems design development, testing and implementation and maintenance phases of the System Development Life Cycle (SDLC) • Participate in all phases of systems development, including programming, customization, testing (unit testing, systems qualification testing, integration testing and user acceptance testing), documentation, and acceptance and maintenance phases • Review programming requirements; create code, apply customization, and develop refinements to requirements in specified media; provide program support, testing, debugging, and writing documentation as required <p>Qualifications: Minimum 3 years' experience and a Bachelor's degree</p>
Systems Analyst II	<p>Participates in all phases of the system development life cycle. Duties include:</p> <ul style="list-style-type: none"> • Perform systems analysis, design, integration, development, testing, and implementation activities • Participate in the development of application software and system documentation • Perform platform alternative analysis is and prepare technical reports recommending an appropriate application development environment • Participate in presentations and demonstrations to contractor and client staff concerning system development life cycle activities • Perform analysis, and develop reports, presentation documents and media in support of client specific information resource management requirements • Design and develop application prototypes as part of the rapid application development process • Perform analysis, report preparation and presentations in support of client information resource management requirements <p>Qualifications: Minimum 4 years' experience and a Bachelor's degree</p>
Systems Analyst III	<p>Perform systems analysis, design, integration, development, testing, and implementation activities. Duties include:</p> <ul style="list-style-type: none"> • Participate in the development of application software and system documentation • Perform platform alternative analysis and prepare technical reports recommending an appropriate application development environment • Participate in presentations and demonstrations to contractor and client staff concerning system development life cycle activities • Perform analysis, and develop reports, presentation documents and media, in support of client specific information resource management requirements. • Design and develop application prototypes as part of the rapid application development process • Perform analysis, report preparation and presentations in support of client information resource management requirements <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
Test Specialist I	<p>Perform testing efforts for technology based business solutions in a variety of technical environments. Participates in all levels of System, User, Integration, Performance and Regression testing. Duties include:</p> <ul style="list-style-type: none"> • Develop, document, and execute test plans to ensure the delivery of quality business application software products • Create and execute test cases/scripts, including identification and tracking issues

Labor Category	Position Duties / Responsibilities
	<p>through resolution</p> <ul style="list-style-type: none"> • Coordinate with technical and business resources to identify and correct system defects • Collect and report test results through various metrics reporting tools, and communicating to key stakeholders • Ensure test deliverables are prepared per established guidelines • Coordinate with configuration control and quality team members to ensure that technical and functional objectives are met <p>Qualifications: Minimum 1 years' experience and a Bachelor's degree</p>
Test Specialist II	<p>Perform testing efforts for technology based business solutions in a variety of technical environments. Participates in all levels of System, User, Integration, Performance and Regression testing. Duties include:</p> <ul style="list-style-type: none"> • Develop, document, and execute test plans to ensure the delivery of quality business application software products • Create and execute test cases/scripts, including identification and tracking issues through resolution • Coordinate with technical and business resources to identify and correct system defects • Collect and report test results through various metrics reporting tools, and communicating to key stakeholders • Ensure test deliverables are prepared per established guidelines • Coordinate with configuration control and quality team members to ensure that technical and functional objectives are met <p>Qualifications: Minimum 3 years' experience and a Bachelor's degree</p>
Test Specialist III	<p>Perform testing efforts for technology based business solutions in a variety of technical environments. Participates in all levels of System, User, Integration, Performance and Regression testing. Duties include:</p> <ul style="list-style-type: none"> • Maintain schedules and coordinates activities for project efforts; identifying task dependencies, test schedules, utilization of test environments • Uses manual and automated testing tools to create, design, and execute test plans • Develop, document, and execute test plans to ensure the delivery of quality business application software products • Create and execute test cases/scripts, including identification and tracking issues through resolution • Coordinate with technical and business resources to identify and correct system defects • Collect and report test results through various metrics reporting tools, and communicating to key stakeholders • Ensure test deliverables are prepared per established guidelines • Coordinate with configuration control and quality team members to ensure that technical and functional objectives are met <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
Test Specialist IV	<p>Perform testing efforts for technology based business solutions in a variety of technical environments. Participates in all levels of System, User, Integration, Performance and Regression testing. Duties include:</p> <ul style="list-style-type: none"> • Create test designs (on-line, batch and data verification) based on project requirements and may instruct other team members on testing software techniques

Labor Category	Position Duties / Responsibilities
	<ul style="list-style-type: none"> • Serve in the capacity of subject matter expert (SME) when answering questions or providing guidance on complex projects to internal and external customers • Maintain schedules and coordinates activities for project efforts; identifying task dependencies, test schedules, utilization of test environments • Uses manual and automated testing tools to create, design, and execute test plans and designs complex contingency plans as needed • Develop, document, and execute test plans to ensure the delivery of quality business application software products • Create and execute test cases/scripts, including identification and tracking issues through resolution • Coordinate with technical and business resources to identify and correct system defects • Collect and report test results through various metrics reporting tools, and communicating to key stakeholders • Ensure test deliverables are prepared per established guidelines • Coordinate with configuration control and quality team members to ensure that technical and functional objectives are met <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree</p>
Test Specialist V	<p>Perform testing efforts for technology based business solutions in a variety of technical environments. Participate in all levels of System, User, Integration, Performance and Regression testing. Duties include:</p> <ul style="list-style-type: none"> • Create test designs (on-line, batch and data verification) based on project requirements and may instruct other team members on testing software techniques • Serve in the capacity of subject matter expert (SME) when answering questions or providing guidance on complex projects to internal and external customers • Maintain schedules and coordinates activities for project efforts; identifying task dependencies, test schedules, utilization of test environments • Uses manual and automated testing tools to create, design, and execute test plans and designs complex contingency plans as needed • Develop, document, and execute test plans to ensure the delivery of quality business application software products • Create and execute test cases/scripts, including identification and tracking issues through resolution • Coordinate with technical and business resources to identify and correct system defects • Collect and report test results through various metrics reporting tools, and communicating to key stakeholders • Ensure test deliverables are prepared per established guidelines • Coordinate with configuration control and quality team members to ensure that technical and functional objectives are met <p>Qualifications: Minimum 10 years' experience and a Bachelor's degree</p>
User Centered Designer I	<p>The User Centered Designer will execute a design process to understand user needs in context, and design software to meet those needs. The designer runs the process, and can educate and mentor participants in how to support the UCD process. Duties include:</p> <ul style="list-style-type: none"> • Conduct user research and contextual inquiry • Research user business domain • Design wireframes, storyboards and system prototypes

Labor Category	Position Duties / Responsibilities
	<ul style="list-style-type: none"> • Conduct demos and usability testing • Design for multiple devices and interaction formats • Test designs for accessibility to those with disabilities <p>Qualifications: Minimum 4 years' experience and a Bachelor's degree</p>
User Centered Designer II	<p>The User Centered Designer will execute a design process to understand user needs in context, and design software to meet those needs. The designer runs the process, and can educate and mentor participants in how to support the UCD process. Duties include:</p> <ul style="list-style-type: none"> • Conduct user research and contextual inquiry • Research user business domain • Design wireframes, storyboards and system prototypes • Conduct demos and usability testing • Design for multiple devices and interaction formats • Test designs for accessibility to those with disabilities <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree</p>
User Centered Designer III	<p>The User Centered Designer will execute a design process to understand user needs in context, and design software to meet those needs. The designer runs the process, and can educate and mentor participants in how to support the UCD process. Duties include:</p> <ul style="list-style-type: none"> • Conduct user research and contextual inquiry • Research user business domain • Design wireframes, storyboards and system prototypes • Conduct demos and usability testing • Design for multiple devices and interaction formats • Test designs for accessibility to those with disabilities <p>Qualifications: Minimum 8 years' experience and a Bachelor's degree</p>
User Centered Designer IV	<p>The User Centered Designer will execute a design process to understand user needs in context, and design software to meet those needs. The designer runs the process, and can educate and mentor participants in how to support the UCD process. Duties include:</p> <ul style="list-style-type: none"> • Conduct user research and contextual inquiry • Research user business domain • Design wireframes, storyboards and system prototypes • Conduct demos and usability testing • Design for multiple devices and interaction formats • Test designs for accessibility to those with disabilities <p>Qualifications: Minimum 10 years' experience and a Bachelor's degree</p>
UX Developer I	<p>Provides full life cycle user interface design, development, implementation and operations. Duties include:</p> <ul style="list-style-type: none"> • Interpret initial concept and client business goals to design and develop elegant, intuitive, interactive and engaging client web sites • Perform rapid development of user flows, wireframes, pilots and mockups to aid in conceptualization • Stay abreast of emerging trends in user interface design, user experience, and web technology frameworks • Drive discussions with clients and team members about front-end best practices and identify technical solutions/frameworks • Create and maintain technical reference documents

Labor Category	Position Duties / Responsibilities
	<p>Qualifications: Bachelor's degree</p>
<p>UX Developer II</p>	<p>Provides full life cycle user interface design, development, implementation and operations. Duties include:</p> <ul style="list-style-type: none"> • Interpret initial concept and client business goals to design and develop elegant, intuitive, interactive and engaging client web sites • Perform rapid development of user flows, wireframes, pilots and mockups to aid in conceptualization • Stay abreast of emerging trends in user interface design, user experience, and web technology frameworks • Drive discussions with clients and team members about front-end best practices and identify technical solutions/frameworks • Create and maintain technical reference documents <p>Qualifications: Minimum 2 years' experience and a Bachelor's degree</p>
<p>UX Developer III</p>	<p>Provides full life cycle user interface design, development, implementation and operations. Duties include:</p> <ul style="list-style-type: none"> • Interpret initial concept and client business goals to design and develop elegant, intuitive, interactive and engaging client web sites • Perform rapid development of user flows, wireframes, pilots and mockups to aid in conceptualization • Stay abreast of emerging trends in user interface design, user experience, and web technology frameworks • Drive discussions with clients and team members about front-end best practices and identify technical solutions/frameworks • Create and maintain technical reference documents <p>Qualifications: Minimum 4 years' experience and a Bachelor's degree</p>
<p>UX Developer IV</p>	<p>Provides full life cycle user interface design, development, implementation and operations. Duties include:</p> <ul style="list-style-type: none"> • Interpret initial concept and client business goals to design and develop elegant, intuitive, interactive and engaging client web sites • Perform rapid development of user flows, wireframes, pilots and mockups to aid in conceptualization • Stay abreast of emerging trends in user interface design, user experience, and web technology frameworks • Drive discussions with clients and team members about front-end best practices and identify technical solutions/frameworks • Create and maintain technical reference documents <p>Qualifications: Minimum 6 years' experience and a Bachelor's degree.</p>
<p>Web Specialist I</p>	<p>Provide support to develop Web based applications. Provide support in developing the site concept, interface design, and architecture of the web-site.</p> <p>Requirements include:</p> <ul style="list-style-type: none"> • Provides creative and technical web development • Provide general website building, design and maintenance services • Develop web-based, features, widgets, interactive content, using industry standard tools and technologies • Organize website content logically

Labor Category	Position Duties / Responsibilities
	<ul style="list-style-type: none"> • Identifies and designs new/creative web features & functionality • Implementing & following Search Engine Optimization (SEO) standards. • Code websites using HTML, DHTML, Java Script, JQuery, CSS, Velocity, XML/XSL, Flash and other common web languages. Background with PHP, ASP, SQL, is beneficial. Specialists will also maintain, troubleshoot, and enhance existing web applications and must be familiar with browser compatibility testing. Some departmental data base administration and development of database driven intranet websites may be required. • Working knowledge of core web scripting languages including HTML, Java Script, JQuery, XML/XSL, CSS, Velocity. Background/familiar with ASP, SQL, PHP is applicable. • Form building with HTML, JavaScript, and Velocity <p>Qualifications: Bachelor's degree</p>
Web Specialist II	<p>Provide support to develop Web based applications. Provide support in developing the site concept, interface design, and architecture of the web-site.</p> <p>Requirements include:</p> <ul style="list-style-type: none"> • Provides creative and technical web development • Provide general website building, design and maintenance services • Develop web-based, features, widgets, interactive content, using industry standard tools and technologies • Organize website content logically • Identifies and designs new/creative web features & functionality • Implementing & following Search Engine Optimization (SEO) standards. • Code websites using HTML, DHTML, Java Script, JQuery, CSS, Velocity, XML/XSL, Flash and other common web languages. Background with PHP, ASP, SQL, is beneficial. Specialists will also maintain, troubleshoot, and enhance existing web applications and must be familiar with browser compatibility testing. Some departmental data base administration and development of database driven intranet websites may be required. • Uses industry standard desktop publishing tools to process graphics for the web. Proficiency with Adobe Photoshop, Adobe Illustrator, Adobe InDesign, CS3 or similar page layout program is required. • Competency or background in multimedia production and development is also applicable. Macromedia Flash, Adobe Premier • Working knowledge of core web scripting languages including HTML, Java Script, JQuery, XML/XSL, CSS, Velocity. Background/familiar with ASP, SQL, PHP is applicable. • Familiarity or competence with various website design tools as; Dreamweaver, Visual Studio • Form building with HTML, JavaScript, and Velocity <p>Qualifications: Minimum 1 years' experience and a Bachelor's degree</p>
Web Specialist III	<p>Provide support to develop Web based applications. Provide support in developing the site concept, interface design, and architecture of the web-site.</p> <p>Requirements include:</p> <ul style="list-style-type: none"> • Provides creative and technical web development • Provide general website building, design and maintenance services • Develop web-based, features, widgets, interactive content, using industry standard tools and technologies

Labor Category	Position Duties / Responsibilities
	<ul style="list-style-type: none"> • Organize website content logically • Identifies and designs new/creative web features & functionality • Implementing & following Search Engine Optimization (SEO) standards. • Code websites using HTML, DHTML, Java Script, JQuery, CSS, Velocity, XML/XSL, Flash and other common web languages. Background with PHP, ASP, SQL, is beneficial. Specialists will also maintain, troubleshoot, and enhance existing web applications and must be familiar with browser compatibility testing. Some departmental data base administration and development of database driven intranet websites may be required. • Uses industry standard desktop publishing tools to process graphics for the web. Proficiency with Adobe Photoshop, Adobe Illustrator, Adobe InDesign, CS3 or similar page layout program is required. • Competency or background in multimedia production and development is also applicable. Macromedia Flash, Adobe Premier • Working knowledge of core web scripting languages including HTML, Java Script, JQuery, XML/XSL, CSS, Velocity. Background/familiar with ASP, SQL, PHP is applicable. • Familiarity or competence with various website design tools as; Dreamweaver, Visual Studio • Form building with HTML, JavaScript, and Velocity • Some client and server-side scripting • Knowledge of Search Engine Optimization (SEO) standards • Hand coding of HTML to W3C and HTML Strict standards. <p>Qualifications: Minimum 2 years' experience and a Bachelor's degree</p>
<p>Web Specialist IV</p>	<p>Develop Web based applications. Develop the site concept, interface design, and architecture of the web-site. Implementation of interfaces to applications.</p> <ul style="list-style-type: none"> • Provides creative and technical web development, website building, design and maintenance, User Interface Design & Support, graphic design and multimedia support. Requirements include: • Provides creative and technical web development • Provide general website building, design and maintenance services • Develop web-based, features, widgets, interactive content, using industry standard tools and technologies • Organize website content logically • Identifies and designs new/creative web features & functionality • Implementing & following Search Engine Optimization (SEO) standards. • Code websites using HTML, DHTML, Java Script, JQuery, CSS, Velocity, XML/XSL, Flash and other common web languages. Background with PHP, ASP, SQL, is beneficial. Specialists will also maintain, troubleshoot, and enhance existing web applications and must be familiar with browser compatibility testing. Some departmental data base administration and development of database driven intranet websites may be required. • Interpret user interface workflow and produce prototypes • Determine cause of malfunctioning site features and either implementing a solution or coordinating other resource to implement a solution • Assist with design and layout of websites. • Uses industry standard desktop publishing tools to process graphics for the web. Proficiency with Adobe Photoshop, Adobe Illustrator, Adobe InDesign, CS3 or similar page layout program is required.

Labor Category	Position Duties / Responsibilities
	<ul style="list-style-type: none"> • Competency or background in multimedia production and development is also applicable. Macromedia Flash, Adobe Premier • Adobe Graphics Design Software: Photoshop, Illustrator, InDesign, Acrobat • Strong working knowledge of core web scripting languages including HTML, Java Script, JQuery, XML/XSL, CSS, Velocity. Background/familiar with ASP, SQL, PHP is applicable. • Familiarity or competence with various website design tools as; Dreamweaver, Visual Studio • Familiarity or competence with Multimedia design software; Adobe Premier, Flash/Shockwave, iPIX • Form building with HTML, JavaScript, and Velocity • Some client and server-side scripting • Knowledge of Search Engine Optimization (SEO) standards • Hand coding of HTML to W3C and HTML Strict standards. <p>Qualifications: Minimum 3 years' experience and a Bachelor's degree</p>

Substitution of Experience for Education

The labor category descriptions provide the minimal degree required to qualify for each labor category. Experience may be substituted for the minimal degree depending on the number of years and nature of the experience. Four (4) years of general and specialized experience may be substituted for the next degree. However, no experience substitution is allowed for a High School Diploma, Associate's Degree or Formal Accreditation. The allowable substitutions are as follows:

High School Diploma plus 4 years = Bachelor's Degree

High School Diploma plus 8 years = Master's Degree

Bachelor's Degree plus 4 years = Master's Degree