Autonomic Integra LLC

Commercial Price List

As of July 1, 2021

Please note that for each labor category, a general description of primary and additional responsibilities is provided. In addition, where needed, each labor category are able to be offered at different levels, which are distinguished by the required amount of combined experience and education.

Prices for each labor category are listed in a table at the end of this document. These rates have been established by Autonomic Integra. for tasks performed at customer sites. Such work must be performed on a sufficiently continuous basis such that the customer will provide office space, supplies, reproduction, telephone service, infrastructural facilities, as required, for the performance of the contract.

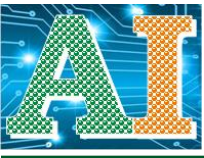## AUTONOMIC INTEGRA LLC COMMERICAL LABOR HOURLY RATES

ID No.	Position	01/01/2021 - 12/31/2021 Hourly Rate	01/01/2022 - 12/31/2022 Hourly Rate	01/01/2023 - 12/31/2023 Hourly Rate	01/01/2024 - 12/31/2024 Hourly Rate	01/01/2025 - 12/31/2025 Hourly Rate
AI-C-01	Health IT Business Analyst	$153.99	$157.84	$161.79	$165.83	$169.98
AI-C-02	Health IT Program Manager	$249.17	$255.40	$261.79	$268.33	$275.04
AI-C-03	Health IT Project Manager	$206.13	$211.28	$216.56	$221.97	$227.52
AI-C-04	Health IT Quality Assurance Specialist	$141.70	$145.24	$148.87	$152.59	$156.40
AI-C-05	Heath IT Editor	$95.28	$97.66	$100.10	$102.60	$105.17
AI-C-06	Health IT Technical Writer	$127.86	$131.06	$134.34	$137.70	$141.14
AI-C-07	Health IT Technical Specialist	$202.31	$207.37	$212.55	$217.86	$223.31
AI-C-08	Health IT Software Engineer	$206.61	$211.78	$217.07	$222.50	$228.06
AI-C-09	Health IT Analyst	$165.38	$169.51	$173.75	$178.09	$182.54
AI-C-10	Health IT Configuration Management Specialist	$155.01	$158.89	$162.86	$166.93	$171.10
AI-C-11	Health IT Database Administrator	$154.81	$158.68	$162.65	$166.72	$170.89
AI-C-12	Health IT Database Specialist	$167.66	$171.85	$176.15	$180.55	$185.06
AI-C-13	Health IT Enterprise System Architect	$257.33	$263.76	$270.35	$277.11	$284.04
AI-C-14	Health IT Chief Enterprise System Architect	$312.72	$320.54	$328.55	$336.76	$345.18
AI-C-15	Health IT Help Desk Specialist	$106.06	$108.71	$111.43	$114.22	$117.08
AI-C-16	Health IT Security Specialist	$199.34	$204.32	$209.43	$214.67	$220.04
AI-C-17	Health IT/Computer Specialist	$176.44	$180.85	$185.37	$190.00	$194.75
AI-C-18	Health IT Network Engineer	$209.76	$215.00	$220.38	$225.89	$231.54
AI-C-19	Health IT Programmer Analyst	$174.64	$179.01	$183.49	$188.08	$192.78
AI-C-20	Health IT System Administrator	$179.81	$184.31	$188.92	$193.64	$198.48
AI-C-21	Health IT System Engineer	$211.49	$216.78	$222.20	$227.76	$233.45
AI-C-22	Health IT Web Designer/Developer	$164.11	$168.21	$172.42	$176.73	$181.15
AI-C-23	Health IT Web Programmer	$171.56	$175.85	$180.25	$184.76	$189.38
AI-C-24	Health IT Data Technician	$136.88	$140.30	$143.81	$147.41	$151.10
AI-C-25	Health IT Scientific Programmer	$212.33	$217.64	$223.08	$228.66	$234.38
AI-C-26	Business Analyst	$153.99	$157.84	$161.79	$165.83	$169.98
AI-C-27	Program Manager	$249.17	$255.40	$261.79	$268.33	$275.04
AI-C-28	Project Manager	$206.13	$211.28	$216.56	$221.97	$227.52

ID No.	Position	01/01/2021 - 12/31/2021 Hourly Rate	01/01/2022 - 12/31/2022 Hourly Rate	01/01/2023 - 12/31/2023 Hourly Rate	01/01/2024 - 12/31/2024 Hourly Rate	01/01/2025 - 12/31/2025 Hourly Rate
AI-C-29	Quality Assurance Specialist	$141.70	$145.24	$148.87	$152.59	$156.40
AI-C-30	Editor	$95.28	$97.66	$100.10	$102.60	$105.17
AI-C-31	Technical Writer	$127.86	$131.06	$134.34	$137.70	$141.14
AI-C-32	Technical Specialist	$202.31	$207.37	$212.55	$217.86	$223.31
AI-C-33	Software Engineer	$206.61	$211.78	$217.07	$222.50	$228.06
AI-C-34	Analyst	$165.38	$169.51	$173.75	$178.09	$182.54
AI-C-35	Configuration Management Specialist	$155.01	$158.89	$162.86	$166.93	$171.10
AI-C-36	Database Administrator	$154.81	$158.68	$162.65	$166.72	$170.89
AI-C-37	Database Specialist	$167.66	$171.85	$176.15	$180.55	$185.06
AI-C-38	Enterprise System Architect	$257.33	$263.76	$270.35	$277.11	$284.04
AI-C-39	Chief Enterprise System Architect	$312.72	$320.54	$328.55	$336.76	$345.18
AI-C-40	Help Desk Specialist	$106.06	$108.71	$111.43	$114.22	$117.08
AI-C-41	IT Security Specialist	$199.34	$204.32	$209.43	$214.67	$220.04
AI-C-42	IT/Computer Specialist	$176.44	$180.85	$185.37	$190.00	$194.75
AI-C-43	Network Engineer	$209.76	$215.00	$220.38	$225.89	$231.54
AI-C-44	Programmer Analyst	$174.64	$179.01	$183.49	$188.08	$192.78
AI-C-45	System Administrator	$179.81	$184.31	$188.92	$193.64	$198.48
AI-C-46	System Engineer	$211.49	$216.78	$222.20	$227.76	$233.45
AI-C-47	Web Designer/Developer	$164.11	$168.21	$172.42	$176.73	$181.15
AI-C-48	Web Programmer	$171.56	$175.85	$180.25	$184.76	$189.38
AI-C-49	Data Technician	$136.88	$140.30	$143.81	$147.41	$151.10
AI-C-50	GIS Specialist	$180.09	$184.59	$189.20	$193.93	$198.78
AI-C-51	Computer Security Systems Specialist	$182.05	$186.60	$191.27	$196.05	$200.95
AI-C-52	Cyber Administrative Assistant	$79.29	$81.27	$83.30	$85.38	$87.51
AI-C-53	Cyber Application Architect	$209.33	$214.56	$219.92	$225.42	$231.06
AI-C-54	Cyber Data Architect	$239.20	$245.18	$251.31	$257.59	$264.03
AI-C-55	Cyber Database Administrator	$210.06	$215.31	$220.69	$226.21	$231.87
AI-C-56	Cyber Enterprise Architect	$283.30	$290.38	$297.64	$305.08	$312.71
AI-C-57	Cyber Functional Specialist	$251.94	$258.24	$264.70	$271.32	$278.10
AI-C-58	Cyber Hunter	$346.30	$354.96	$363.83	$372.93	$382.25
AI-C-59	Cyber Network Administrator	$187.11	$191.79	$196.58	$201.49	$206.53
AI-C-60	Cyber Operations Manager	$186.70	$191.37	$196.15	$201.05	$206.08
AI-C-61	Cyber Program Manager	$388.57	$398.28	$408.24	$418.45	$428.91
AI-C-62	Cyber Programmer	$231.39	$237.17	$243.10	$249.18	$255.41
AI-C-63	Cyber Project Manager	$283.59	$290.68	$297.95	$305.40	$313.04
AI-C-64	Cyber Security Engineer	$355.57	$364.46	$373.57	$382.91	$392.48
AI-C-65	Cyber Security Specialist	$240.09	$246.09	$252.24	$258.55	$265.01
AI-C-66	Cyber Storage Administrator	$176.81	$181.23	$185.76	$190.40	$195.16
AI-C-67	Cyber Subject Matter Authority (SMA)	$528.26	$541.47	$555.01	$568.89	$583.11
AI-C-68	Cyber Subject Matter Expert (SME)	$490.28	$502.54	$515.10	$527.98	$541.18
AI-C-69	Cyber System Administrator	$238.77	$244.74	$250.86	$257.13	$263.56

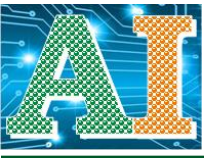| ID No.	Position	01/01/2021 - 12/31/2021 Hourly Rate	01/01/2022 - 12/31/2022 Hourly Rate	01/01/2023 - 12/31/2023 Hourly Rate	01/01/2024 - 12/31/2024 Hourly Rate	01/01/2025 - 12/31/2025 Hourly Rate
AI-C-70	Cyber Technical Architect	$317.80	$325.75	$333.89	$342.24	$350.80
AI-C-71	Cyber Technical Writer	$138.91	$142.38	$145.94	$149.59	$153.33
AI-C-72	Cyber Threat Intelligence Analyst	$233.75	$239.59	$245.58	$251.72	$258.01
AI-C-73	Cyber Training Specialist	$187.39	$192.07	$196.87	$201.79	$206.83
AI-C-74	Forensics Analyst	$239.56	$245.55	$251.69	$257.98	$264.43
AI-C-75	Incident Response Analyst	$239.23	$245.21	$251.34	$257.62	$264.06
AI-C-76	Information Assurance (IA) Specialist	$174.94	$179.31	$183.79	$188.38	$193.09
AI-C-77	Network Security Analyst	$182.27	$186.83	$191.50	$196.29	$201.20
AI-C-78	Risk and Vulnerability Threat Analyst	$285.07	$292.20	$299.51	$307.00	$314.68
AI-C-79	Security Operations Center (SOC) Analyst	$185.73	$190.37	$195.13	$200.01	$205.01
AI-C-80	Vulnerability Assessment Analyst and Penetration Tester	$276.70	$283.62	$290.71	$297.98	$305.43

Autonomic Integra Labor Category Descriptions

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
AI-C-01	54151HEAL	Health IT Business Analyst	HEALTH IT BUSINESS ANALYST Reviews, analyzes, and evaluates business systems and user needs. Formulates systems to parallel overall business strategies. Writes detailed description of user needs, program functions, and steps required to develop or modify computer programs. Familiar with related computer software/programs used to perform job functions. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Requires BS/BA in appropriate field (or equivalent) and 5 years experience.	BS/BA	5
AI-C-02	54151HEAL	Health IT Program Manager	HEALTH IT PROGRAM MANAGER This individual will work under very broad supervision in providing management and technical direction to program personnel. Will regularly exercise independent judgment, as well as a high-level of analytical skill in solving complex technical, administrative and managerial problems. Will be responsible for all aspects of program performance. The individual will: (1) Be responsible for all aspects of program performance (i.e., technical, contractual, administrative, financial); (2) Manage all aspects of program activity; (3) Provide technical and financial reports in order to show progress to Corporate management and customers; (4) Maintain customer contacts to ensure conformity to all contractual obligations; (5) Assume the initiative and provide support to Corporate management in identifying future requirements; (6) Develop, maintain, and implement a Program Management Plan that guides the performance of all functional activities performed on the Program. Requires a B.S. in an associated discipline (or equivalent) and 5 years of related experience, 3 of which must be in a supervisory role.	BS/BA	5
AI-C-03	54151HEAL	Health IT Project Manager	HEALTH IT PROJECT MANAGER Responsible for all aspects of field and/or task-level project performance (i.e., technical, contractual, administrative, financial). Will work on multiple projects simultaneously. Supervises personnel involved in all aspects of project activity, organizes and assigns responsibilities to subordinates, oversees the successful completion of all assigned tasks, and maintains customer contacts to ensure conformity to all contractual obligations. Exercises independent judgment, as well as a high-level of analytical skill, in solving non-routine technical, administrative, and managerial problems.	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			BS/BA degree in related field (or equivalent) plus 5 years of related experience, 3 of which must be in a supervisory role.		
AI-C-04	54151HEAL	Health IT Quality Assurance Specialist	HEALTH IT QUALITY ASSURANCE SPECIALIST Responsible for all aspects of quality assurance and compliance with applicable regulatory requirements; conducts audits and reviews/analyzes data and documentation. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Will very likely lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) in area of specialty and 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-05	54151HEAL	Heath IT Editor	HEALTH IT EDITOR Writes, edits, proofreads, and copyedits a variety of documents. Plans and prepares stories for dissemination. Ensures that all documents meet established content standards. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Will very likely lead and direct the work of others. Typically reports to a manager or head of a unit/department. A wide degree of creativity and latitude is expected. BS/BA degree (or equivalent) in a related area as well as 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-06	54151HEAL	Health IT Technical Writer	HEALTH IT TECHNICAL WRITER Researches subject matter, writes and edits material for reports, manuals, proposals, instructional material, catalogs, technical and outreach publications, and software and hardware documentations. Task may also include obtaining technical data from independent observation, reviews with staff members, and/or studies of published materials and existing documentation. Coordinate efforts of technical artists and illustrators in preparing reports, articles, and publications of internal and external distribution. Obtain background information on technologies, methods, and standards. Revises text and recommends changes in scope, format, and content to ensure conformance with established standards. A high degree of creativity and latitude is required. Relies on experience and judgment to plan and accomplish goals. Works under general supervision. Performs a variety of tasks. Will very likely direct and lead the work of others. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent)	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			in a related area as well as 5 years of experience in the field or in a related area.		
AI-C-07	54151HEAL	Health IT Technical Specialist	HEALTH IT TECHNICAL SPECIALIST Conducts research, performs studies and surveys to obtain data, and analyzes problems to advise on or recommend solutions, utilizing knowledge of theory, principles, or technology of specific discipline or field of specialization. Requires knowledge in fields defined as technical, such as electrical engineering, construction engineering, computer engineering, other engineering fields, chemistry, scientific research, and other related technical and engineering fields. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. BS/BA degree (or equivalent) in appropriate specialty plus 5 years experience in related field.	BS/BA	5
AI-C-08	54151HEAL	Health IT Software Engineer	HEALTH IT SOFTWARE ENGINEER Oversees technical design, development, and implementation of large projects and/or major software products and systems. Assists in defining architecture requirements and establishing standards for design and development. Consults with management and customers regarding product feasibility and viability of product plans and designs. Factors emerging technologies and product supportability into design and implementation. Serves as primary technical resource to development team. May act as team leader in prioritizing group tasks, determining individual assignments, and reviewing work of lower-level developers. Provides product demonstrations and participates in trade shows, seminars, industry panels, and user group meetings. Interacts with customers regarding strategies, requirements, problem solving, and support. This is normally the senior non-management developer level. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-09	54151HEAL	Health IT Analyst	HEALTH IT ANALYST Solves computer, business, scientific, engineering, policy/compliance or other discipline system/process problems and enables system to meet the needs of the organization. Performs system studies to assist organization to realize maximum benefit from investments in equipment, personnel, and business processes or to comply with internal or external requirements. Plans and designs new systems/processes or devises ways to apply existing systems resources to additional operations. Analyzes requirements, procedures, and problems to improve existing	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			system/processes. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Will very likely direct and lead others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.		
AI-C-10	54151HEAL	Health IT Configuration Management Specialist	HEALTH IT CONFIGURATION MANAGEMENT SPECIALIST Analyzes changes of product design to determine the effect on the end product design and function and determines and prepares documentation necessary for change. Coordinates with customers and manufacturers to determine a process for change reporting. Reviews released engineering change data and changes documenting activities to ensure adherence to configuration management procedures and policies. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-11	54151HEAL	Health IT Database Administrator	HEALTH IT DATABASE ADMINISTRATOR Reviews, evaluates, designs, implements and maintains company database[s]. Identifies data sources, constructs data decomposition diagrams, provides data flow diagrams and documents the process. Writes codes for database access, modifications, and constructions including stored procedures. Develops and formulates standards, procedures, and conventions for database use. Works with technical/programming staff to ensure database security. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-12	54151HEAL	Health IT Database Specialist	HEALTH IT DATABASE SPECIALIST Designs and builds relational databases for data storage or processing. Develops strategies for warehouse implementation, data acquisition, and archive recovery. Cleans and maintains the	BS/BA	5

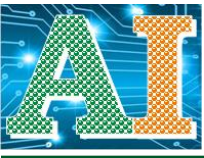| Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			database by removing and deleting old data. May evaluate new data sources for adherence to the organization's quality standards and ease of integration. May provide consultation on complex projects and is considered to be the top level contributor/specialist. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.		
AI-C-13	54151HEAL	Health IT Enterprise System Architect	HEALTH IT ENTERPRISE SYSTEM ARCHITECT Responsible for designing architecture for an organization on an enterprise level. Defines system and application architecture and provides vision, problem anticipation, and problem solving ability to organization. Demonstrates expertise in a variety of the field's concepts, practices, and procedures. Recognized as technical leader and resource. A high degree of creativity and latitude is required. Relies on experience and judgment to plan and accomplish goals. Works under general supervision. Performs a variety of tasks. Will very likely direct and lead the work of others. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) in a related area as well as 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-14	54151HEAL	Health IT Chief Enterprise System Architect	HEALTH IT CHIEF ENTERPRISE SYSTEM ARCHITECT Responsible for designing architecture for an organization on an enterprise level. Defines system and application architecture and provides vision, problem anticipation, and problem solving ability to organization. Demonstrates expertise in a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to CEO or top management. BS/BA degree (or equivalent) in a related area as well as 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-15	54151HEAL	Health IT Help Desk Specialist	HEALTH IT HELP DESK SPECIALIST Supervises the day-to-day operations of the help desk. Identifies, researches, and resolves complex technical problems. Creates and manages escalation procedures and ensures service levels are maintained. Documents, tracks, and monitors problems to ensure resolution in a timely manner. A level II supervisor has authority for personnel actions	BS/BA	5

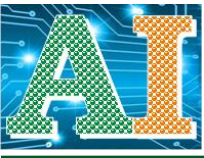| Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			and oversees most day-t- day operations of group. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department. BS/BA degree in a related area (or equivalent), and 5 years of experience in the field or in a related area.		
AI-C-16	54151HEAL	Health IT Security Specialist	HEALTH IT SECURITY SPECIALIST Ensures that all system platforms are functional and secure. Works with upper management to determine acceptable level of risk for enterprise computing platforms. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-17	54151HEAL	Health IT/Computer Specialist	HEALTH IT/COMPUTER SPECIALIST Consults with client or department heads to define need or problem, conducts research, performs studies and surveys to obtain data, and analyzes problems to advise on or recommend solutions, utilizing knowledge of theory, principles, or technology of specific discipline or field of specialization. Requires knowledge in fields defined as information technology, computer programming, computer security, computer systems analysis, database management, information systems, Internet applications and development, software development, and related fields. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. BS/BA degree (or equivalent) in appropriate specialty plus 5 years experience in related field.	BS/BA	5
AI-C-18	54151HEAL	Health IT Network Engineer	HEALTH IT NETWORK ENGINEER Installs and maintains complex networks that typically link numerous computing platforms, operating systems, and network topologies across widely dispersed geographic areas. Evaluates hardware and software suitable for large, complex networks. Tests and implements interface programs. Develops security procedures. Manages network performance. Troubleshoots and resolves complex problems to ensure minimal disruption of mission-critical applications. Maintains fault-tolerant systems and manages systems backups. Familiar with a variety of the field's concepts, practices, and	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field. Typically requires certification as a network engineer and may require extensive expertise across hardware and systems supplies by multiple vendors.		
AI-C-19	54151HEAL	Health IT Programmer Analyst	HEALTH IT PROGRAMMER ANALYST Leads lower-level analyst/programmers and other technical staff on a large, complex internal development project or serves as lead analyst/programmer on numerous smaller projects and systems. Typically a senior internal technical consultant who directs program development in complex applications and systems where existing architectures and techniques provide little guidance. Consults with user management and technical staff as necessary to clarify program intent, identify problems, suggest changes, and determine required coding. Assigns, coordinates and reviews work of lower-level analyst/programmers in advanced techniques. Prescribes standard to simplify interpretation of programs and documentations. Supervises preparation of records and reports. Requires detailed and comprehensive knowledge of employer's applications and systems. A wide degree of creativity and latitude is expected. Requires proficiency in programming languages. BS/BA degree in a related area (or equivalent), and 5 years of related experience.	BS/BA	5
AI-C-20	54151HEAL	Health IT System Administrator	HEALTH IT SYSTEMS ADMINISTRATOR Installs new software releases, system upgrades, evaluates and installs patches and resolves software related problems. Performs system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required. Familiar with standard concepts, practices, and procedures within a particular field. Will likely will lead or direct others. BS/BA degree in a related area (or equivalent), and 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-21	54151HEAL	Health IT System Engineer	HEALTH IT SYSTEMS ENGINEER Performs engineering work in the research, development, analysis, and design of products and systems. Interacts at the highest levels with client engineers and customers. Work requires	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			the highest degree of creative ability, engineering and programming skills, and independent judgment. Will likely coordinate and technically lead projects and subordinated engineers. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.		
AI-C-22	54151HEAL	Health IT Web Designer/Developer	HEALTH IT WEB DESIGNER/DEVELOPER Controls all technical aspects of website, including performance issues, such as speed of access, and approving site content. May also have responsibilities for site design and creation. Plans, develops, tests, edits, maintains, documents and controls content, look, and flow of websites. Applies knowledge of programming techniques and computer internet systems. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-23	54151HEAL	Health IT Web Programmer	HEALTH IT WEB PROGRAMMER Plans, designs, development, tests, edits, maintains, and documents web programs. Applies knowledge of programming techniques and computer internet systems. Formulates plan outlining steps required to develop program, using structured analysis and design. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-24	54151HEAL	Health IT Data Technician	HEALTH IT DATA TECHNICIAN Collects, reviews, and inputs data into a computer processing system; audits output data. May be expected to code data and input data for computer processing. Identifies and resolves production related errors. Maintains and revises procedural lists, control records and coding schemes to process source data. Must be	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. Typically reports to a supervisor or manager. A wide degree of creativity and latitude is expected. Will likely lead and direct others. May be required to complete an apprenticeship and/or formal training in area of specialty. HS diploma (or equivalent), with 5 years of experience in the field or related area.		
AI-C-25	54151HEAL	Health IT Scientific Programmer	HEALTH IT SCIENTIFIC PROGRAMMER Converts scientific, engineering, and other technical problem formulations to formats that can be processed by computer. Resolves symbolic formulations, prepares flowcharts and block diagrams, and encodes resultant equations for processing by applying extensive knowledge of branch of science, engineering, or advanced mathematics, such as differential equations or numerical analysis, and understanding of capabilities and limitations of computer. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. Very likely will lead and direct others. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager. BS/BA degree (or equivalent) and 5 years of experience in related area.	BS/BA	5
AI-C-26	54151S	Business Analyst	BUSINESS ANALYST Reviews, analyzes, and evaluates business systems and user needs. Formulates systems to parallel overall business strategies. Writes detailed description of user needs, program functions, and steps required to develop or modify computer programs. Familiar with related computer software/programs used to perform job functions. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. May lead and direct the work of others. Requires BS/BA in appropriate field (or equivalent) and 5 years experience.	BS/BA	5
AI-C-27	54151S	Program Manager	PROGRAM MANAGER This individual will work under very broad supervision in providing management and technical direction to program personnel. Will regularly exercise independent judgment, as well as a high-level of analytical skill in solving complex technical, administrative and managerial problems. Will be responsible for all aspects of program performance. The individual will: (1) Be responsible for all aspects of program performance (i.e., technical, contractual, administrative, financial); (2) Manage all aspects of program activity; (3) Provide technical and financial reports in order	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			to show progress to Corporate management and customers; (4) Maintain customer contacts to ensure conformity to all contractual obligations; (5) Assume the initiative and provide support to Corporate management in identifying future requirements; (6) Develop, maintain, and implement a Program Management Plan that guides the performance of all functional activities performed on the Program. Requires a B.S. in an associated discipline (or equivalent) and 5 years of related experience, 3 of which must be in a supervisory role.		
AI-C-28	54151S	Project Manager	PROJECT MANAGER Responsible for all aspects of field and/or task-level project performance (i.e., technical, contractual, administrative, financial). Will work on multiple projects simultaneously. Supervises personnel involved in all aspects of project activity, organizes and assigns responsibilities to subordinates, oversees the successful completion of all assigned tasks, and maintains customer contacts to ensure conformity to all contractual obligations. Exercises independent judgment, as well as a high-level of analytical skill, in solving non-routine technical, administrative, and managerial problems. BS/BA degree in related field (or equivalent) plus 5 years of related experience, 3 of which must be in a supervisory role.	BS/BA	5
AI-C-29	54151S	Quality Assurance Specialist	QUALITY ASSURANCE SPECIALIST Responsible for all aspects of quality assurance and compliance with applicable regulatory requirements; conducts audits and reviews/analyzes data and documentation. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Will very likely lead and direct the work of others. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) in area of specialty and 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-30	54151S	Editor	EDITOR Writes, edits, proofreads, and copyedits a variety of documents. Plans and prepares stories for dissemination. Ensures that all documents meet established content standards. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Will very likely lead and direct the work of others. Typically reports to a manager or head of a unit/department. A wide degree of creativity and latitude is expected. BS/BA degree (or equivalent) in a related area as well as	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			5 years of experience in the field or in a related area.		
AI-C-31	54151S	Technical Writer	TECHNICAL WRITER Researches subject matter, writes and edits material for reports, manuals, proposals, instructional material, catalogs, technical and outreach publications, and software and hardware documentations. Task may also include obtaining technical data from independent observation, reviews with staff members, and/or studies of published materials and existing documentation. Coordinate efforts of technical artists and illustrators in preparing reports, articles, and publications of internal and external distribution. Obtain background information on technologies, methods, and standards. Revises text and recommends changes in scope, format, and content to ensure conformance with established standards. A high degree of creativity and latitude is required. Relies on experience and judgment to plan and accomplish goals. Works under general supervision. Performs a variety of tasks. Will very likely direct and lead the work of others. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) in a related area as well as 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-32	54151S	Technical Specialist	TECHNICAL SPECIALIST Conducts research, performs studies and surveys to obtain data, and analyzes problems to advise on or recommend solutions, utilizing knowledge of theory, principles, or technology of specific discipline or field of specialization. Requires knowledge in fields defined as technical, such as electrical engineering, construction engineering, computer engineering, other engineering fields, chemistry, scientific research, and other related technical and engineering fields. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. BS/BA degree (or equivalent) in appropriate specialty plus 5 years experience in related field.	BS/BA	5
AI-C-33	54151S	Software Engineer	SOFTWARE ENGINEER Oversees technical design, development, and implementation of large projects and/or major software products and systems. Assists in defining architecture requirements and establishing standards for design and development. Consults with management and customers regarding product feasibility and viability of product plans and designs. Factors emerging technologies and product supportability into design and implementation. Serves as primary technical resource to development team. May act as team leader in prioritizing group tasks, determining	BS/BA	5

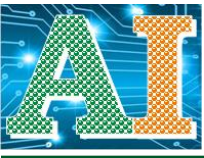| Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			individual assignments, and reviewing work of lower-level developers. Provides product demonstrations and participates in trade shows, seminars, industry panels, and user group meetings. Interacts with customers regarding strategies, requirements, problem solving, and support. This is normally the senior non-management developer level. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.		
AI-C-34	54151S	Analyst	ANALYST Solves computer, business, scientific, engineering, policy/compliance or other discipline system/process problems and enables system to meet the needs of the organization. Performs system studies to assist organization to realize maximum benefit from investments in equipment, personnel, and business processes or to comply with internal or external requirements. Plans and designs new systems/processes or devises ways to apply existing systems resources to additional operations. Analyzes requirements, procedures, and problems to improve existing system/processes. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Will very likely direct and lead others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-35	54151S	Configuration Management Specialist	CONFIGURATION MANAGEMENT SPECIALIST Analyzes changes of product design to determine the effect on the end product design and function and determines and prepares documentation necessary for change. Coordinates with customers and manufacturers to determine a process for change reporting. Reviews released engineering change data and changes documenting activities to ensure adherence to configuration management procedures and policies. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-36	54151S	Database Administrator	DATABASE ADMINISTRATOR Reviews, evaluates, designs, implements and maintains company database[s]. Identifies data sources,	BS/BA	5

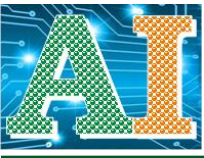| Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			constructs data decomposition diagrams, provides data flow diagrams and documents the process. Writes codes for database access, modifications, and constructions including stored procedures. Develops and formulates standards, procedures, and conventions for database use. Works with technical/programming staff to ensure database security. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.		
AI-C-37	54151S	Database Specialist	DATABASE SPECIALIST Designs and builds relational databases for data storage or processing. Develops strategies for warehouse implementation, data acquisition, and archive recovery. Cleans and maintains the database by removing and deleting old data. May evaluate new data sources for adherence to the organization's quality standards and ease of integration. May provide consultation on complex projects and is considered to be the top level contributor/specialist. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-38	54151S	Enterprise System Architect	ENTERPRISE SYSTEM ARCHITECT Responsible for designing architecture for an organization on an enterprise level. Defines system and application architecture and provides vision, problem anticipation, and problem solving ability to organization. Demonstrates expertise in a variety of the field's concepts, practices, and procedures. Recognized as technical leader and resource. A high degree of creativity and latitude is required. Relies on experience and judgment to plan and accomplish goals. Works under general supervision. Performs a variety of tasks. Will very likely direct and lead the work of others. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) in a related area as well as 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-39	54151S	Chief Enterprise System Architect	CHIEF ENTERPRISE SYSTEM ARCHITECT Responsible for designing	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			architecture for an organization on an enterprise level. Defines system and application architecture and provides vision, problem anticipation, and problem solving ability to organization. Demonstrates expertise in a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. Leads and directs the work of others. A wide degree of creativity and latitude is expected. Typically reports to CEO or top management. BS/BA degree (or equivalent) in a related area as well as 5 years of experience in the field or in a related area.		
AI-C-40	54151S	Help Desk Specialist	HELP DESK SPECIALIST Supervises the day-to-day operations of the help desk. Identifies, researches, and resolves complex technical problems. Creates and manages escalation procedures and ensures service levels are maintained. Documents, tracks, and monitors problems to ensure resolution in a timely manner. A level II supervisor has authority for personnel actions and oversees most day-t- day operations of group. Familiar with a variety of the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. Performs a variety of tasks. A wide degree of creativity and latitude is expected. Typically reports to a manager or head of a unit/department. BS/BA degree in a related area (or equivalent), and 5 years of experience in the field or in a related area.	BS/BA	5
AI-C-41	54151S	IT Security Specialist	IT SECURITY SPECIALIST Ensures that all system platforms are functional and secure. Works with upper management to determine acceptable level of risk for enterprise computing platforms. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-42	54151S	IT/Computer Specialist	IT/COMPUTER SPECIALIST Consults with client or department heads to define need or problem, conducts research, performs studies and surveys to obtain data, and analyzes problems to advise on or recommend solutions, utilizing knowledge of theory, principles, or technology of specific discipline or field of specialization. Requires knowledge in fields defined as information technology, computer programming, computer security, computer systems analysis, database management, information systems, Internet applications and	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			development, software development, and related fields. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. BS/BA degree (or equivalent) in appropriate specialty plus 5 years experience in related field.		
AI-C-43	54151S	Network Engineer	NETWORK ENGINEER Installs and maintains complex networks that typically link numerous computing platforms, operating systems, and network topologies across widely dispersed geographic areas. Evaluates hardware and software suitable for large, complex networks. Tests and implements interface programs. Develops security procedures. Manages network performance. Troubleshoots and resolves complex problems to ensure minimal disruption of mission-critical applications. Maintains fault-tolerant systems and manages systems backups. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field. Typically requires certification as a network engineer and may require extensive expertise across hardware and systems supplies by multiple vendors.	BS/BA	5
AI-C-44	54151S	Programmer Analyst	PROGRAMMER ANALYST Leads lower-level analyst/programmers and other technical staff on a large, complex internal development project or serves as lead analyst/programmer on numerous smaller projects and systems. Typically a senior internal technical consultant who directs program development in complex applications and systems where existing architectures and techniques provide little guidance. Consults with user management and technical staff as necessary to clarify program intent, identify problems, suggest changes, and determine required coding. Assigns, coordinates and reviews work of lower-level analyst/programmers in advanced techniques. Prescribes standard to simplify interpretation of programs and documentations. Supervises preparation of records and reports. Requires detailed and comprehensive knowledge of employer's applications and systems. A wide degree of creativity and latitude is expected. Requires proficiency in programming languages. BS/BA degree in a related area (or equivalent), and 5 years of related experience.	BS/BA	5
AI-C-45	54151S	System Administrator	SYSTEMS ADMINISTRATOR Installs new software releases, system upgrades, evaluates	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			and installs patches and resolves software related problems. Performs system backups and recovery. Maintains data files and monitors system configuration to ensure data integrity. Relies on limited experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision; typically reports to a project leader or manager. A certain degree of creativity and latitude is required. Familiar with standard concepts, practices, and procedures within a particular field. Will likely will lead or direct others. BS/BA degree in a related area (or equivalent), and 5 years of experience in the field or in a related area.		
AI-C-46	54151S	System Engineer	SYSTEMS ENGINEER Performs engineering work in the research, development, analysis, and design of products and systems. Interacts at the highest levels with client engineers and customers. Work requires the highest degree of creative ability, engineering and programming skills, and independent judgment. Will likely coordinate and technically lead projects and subordinated engineers. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-47	54151S	Web Designer/Developer	WEB DESIGNER/DEVELOPER Controls all technical aspects of website, including performance issues, such as speed of access, and approving site content. May also have responsibilities for site design and creation. Plans, develops, tests, edits, maintains, documents and controls content, look, and flow of websites. Applies knowledge of programming techniques and computer internet systems. Familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.	BS/BA	5
AI-C-48	54151S	Web Programmer	WEB PROGRAMMER Plans, designs, development, tests, edits, maintains, and documents web programs. Applies knowledge of programming techniques and computer internet systems. Formulates plan outlining steps required to develop program, using structured analysis and design. Familiar with a variety of the field's concepts, practices, and	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. A wide degree of creativity and latitude is expected. Very likely directs and leads others. Works under general supervision. Typically reports to a manager or head of a unit/department. BS/BA degree (or equivalent) plus 5 years experience in related field.		
AI-C-49	54151S	Data Technician	DATA TECHNICIAN Collects, reviews, and inputs data into a computer processing system; audits output data. May be expected to code data and input data for computer processing. Identifies and resolves production related errors. Maintains and revises procedural lists, control records and coding schemes to process source data. Must be familiar with a variety of the field's concepts, practices, and procedures. Relies on experience and judgment to plan and accomplish goals. Performs a variety of complicated tasks. Typically reports to a supervisor or manager. A wide degree of creativity and latitude is expected. Will likely lead and direct others. May be required to complete an apprenticeship and/or formal training in area of specialty. HS diploma (or equivalent), with 5 years of experience in the field or related area.	BS/BA	5
AI-C-50	54151S	GIS Specialist	GIS SPECIALIST Utilizes Geographic Information System techniques to provide a better understanding of certain variables in a given geographic location. Extracts data from GIS software and uses varying analysis methods to arrive at results. Recommends appropriate reactionary strategies in response to GIS analysis. Provides maps and data sets to clients to supplement analysis. Knowledgeable of GIS software and technology. Works in conjunction with CADD drafters and technicians. Familiar with standard concepts, practices, and procedures within a particular field. Relies on experience and judgment to plan and accomplish goals. Performs a variety of tasks. Works under general supervision. Very likely will lead and direct others. A certain degree of creativity and latitude is required. Typically reports to a supervisor or manager. BS/BA degree (or equivalent) and 5 years of experience in related area.	BS/BA	5
AI-C-51	54151HACS	Computer Security Systems Specialist	Analyzes and defines security requirements for Multilevel Security (MLS) issues. Designs, develops, engineers and implements solutions to MLS requirements. Responsible for the implementation and development of the MLS. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Performs risk analyses which also includes risk assessment.	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			Provides daily supervision and direction to staff. Provides technical support for secure software development and integration tasks, including reviewing work products for correctness and adhering to the design concept and to user standards. Knowledgeable of Security/Information Assurance (IA) products such as PKI, VPN, firewalls, and intrusion detection systems. Analyzes and recommends resolution of security/IA problems on the basis of knowledge of the major IA products and services, an understanding of their limitations, and knowledge of the IA disciplines. Provides daily supervision and direction to staff.		
AI-C-52	54151HACS	Cyber Administrative Assistant	Provides administrative and secretarial support such as technical typing, editing of word processing and other computer-based manuscripts, integration of various sources into a cohesive product which may be delivered as computer-based magnetic media, preparation of graphical and narrative presentation material. Provides assistance with maintaining personnel and other files; prepares correspondence, schedules and coordinates travel. Supports the development of contract deliverables and reports by developing and updating graphic presentations to improve the quality and enhance the usability of these documents. Responsible for integrating the graphics generated with automated tools and the deliverable documents.	BS/BA	5
AI-C-53	54151HACS	Cyber Application Architect	The Cyber Application Architect may plan, design, develop, redesign or enhance, install, or implement various cyber technology products, or enhance computer programs. This individual applies knowledge of software and programming to develop and test the security of computer systems and produce the necessary outcome for clients. The Application Architect may draft technical white papers to better understand the cyber technology behind them, and to provide instructions that help the client better understand the nature and applications of a specific cyber product.	BS/BA	5
AI-C-54	54151HACS	Cyber Data Architect	The Cyber Data Architect may define, design, or develop relational and/or multi-dimensional databases for warehousing of data. The Cyber Data Architect reviews current data structures and recommends optimizations and reconfigurations as warranted.	BS/BA	5
AI-C-55	54151HACS	Cyber Database Administrator	The Cyber Database Administrator administrates organization's database, using database management system to organize and store data. The Cyber Database Administrator ascertains user requirements, creates computer databases, and tests and coordinates changes. Interacts with cyber, development and end-user personnel to determine application data access	BS/BA	5

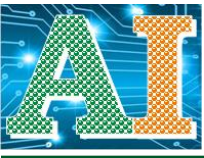| Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			requirements, transaction rates, volume analysis, and other pertinent data required to develop and maintain integrated databases consistent with customer cyber policies. The Cyber Database Administrator ensures performance of database, including proper accesses are maintained, and responds to issues that arise during security tests and may deploy and test security patches as released by commercial software.		
AI-C-56	54151HACS	Cyber Enterprise Architect	The Cyber Enterprise Architect works with stakeholders, both leadership and subject matter experts, to build a holistic view of the organization's strategy, processes, information, and information technology assets to ensure that the business and IT are in alignment and protected from cyber threats. The Cyber Enterprise Architect links the business mission, strategy, and processes of an organization to its IT strategy - including security, and documents this using multiple architectural models or views that show how the current and future needs of an organization will be met in an efficient, sustainable, agile, secure, and adaptable manner.	BS/BA	5
AI-C-57	54151HACS	Cyber Functional Specialist	The Cyber Functional Specialist may provide knowledge in cyber industry, process or technology areas. The Cyber Functional Specialist responsibilities may include • Plan and manage the work of cyber information systems project teams • Design and implement new organization structures • Assist an organization translate its vision and strategy into core human resource and cyber processes • Lead clients through streamlining, reengineering and transforming processes to be more cyber centric • Develop and execute project budgets	BS/BA	5
AI-C-58	54151HACS	Cyber Hunter	May respond to crisis or urgent situations to mitigate immediate and potential threats. Approaches may include the use information and threat intelligence specifically focused on a proximate incident to identify undiscovered attacks. Investigates and analyzes all relevant response activities. Identifies and assesses the capabilities and activities of cyber criminals or foreign intelligence entities; design and administer procedures in the organization that sustains the security of the organization's data and access to its technology and communications systems. Duties may include • Lead Cyber Hunt team, provides oversight and be responsible for event investigation and tracking activities • Identifies, deters, monitors, and investigates computer and network intrusions • Provide computer forensic support to high technology investigations in the form of evidence seizure, computer forensic analysis, and data recovery • Monitor and assess complex security devices for patterns and anomalies from	BS/BA	5

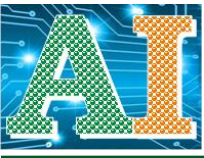| Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			raw events (DNS, DHCP, AD, SE logs), tag events for Tier 1 & 2 monitoring • Conduct malware analysis in out-of-band environment (static and dynamic), including complex malware.		
AI-C-59	54151HACS	Cyber Network Administrator	The Cyber Network administer administers design, organization, and implementation of network, and heads technical support staff who manage and maintain hubs, servers, firewalls, and routers. This individual uses knowledge and understanding of both networking and telecommunications theory and practice to protect system assets. The Cyber Network Administrator communicates with users, technical teams, and vendors on new technology and system upgrades and to determine software and hardware installation requirements.	BS/BA	5
AI-C-60	54151HACS	Cyber Operations Manager	The Cyber Operation Manager manages, coordinates, or organizes department cyber operation strategies and activities. The Operation Manager may • Collaborate in the development and implementation of organization cyber policies, practices, procedures, and attainment of operating goals • Review, analyze, and prepare reports, records, and directives, and confers with managers/supervisors to obtain data required for planning activities, such as new commitments, status of work in progress, and problems encountered • Disseminate policies and objectives to supervisors/staff	BS/BA	5
AI-C-61	54151HACS	Cyber Program Manager	The Cyber Program Manager has overall accountability for Cyber programs. Program Managers may be responsible for product delivery and financial management of client engagements. A Senior Cyber Program Manager performs independent quality assurance reviews of program performance and deliverables to ensure that contractual obligations are being met. Cyber Program Managers are also recognized experts in the areas of cyber process and the protection of technical architecture. They lend thought leadership to engagement teams in developing creative solutions to client problems.	BS/BA	5
AI-C-62	54151HACS	Cyber Programmer	The Cyber Programmer is responsible for activities such as program design, coding, testing, debugging and documentation. This individual has technical knowledge and responsibility of cyber tools employed in part or all of the cyber protection program employed in support of applications systems analysis and programming and understands the business or function for which application is designed. The programmer may • Write programs according to specifications, which may be provided by Engineers, technical architects, or other	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			computer scientists • Update, repair, modify and expands existing computer programs		
AI-C-63	54151HACS	Cyber Project Manager	The Cyber Project Manager manages, plans and coordinates activities of cyber projects. This individual reviews project proposal or plan to determine schedule, funding limitations, procedures for accomplishing projects, staffing requirements and allotment of available resources to various phases of projects. The Cyber Project Manager establishes work plans and coordinates staffing for each phase of project and arranges for recruitment or assignment of project personnel. The Cyber Project Manager identifies functional and cross-functional requirements and resources required for each task.	BS/BA	5
AI-C-64	54151HACS	Cyber Security Engineer	Participate in special projects or investigations into specific technology or solution issues and research and piloting of new technologies. Serve as a point of contact for engineering efforts and maintain compliance with the customer's policies and guidelines Duties may include • Lead team of security engineers, manage large scale deployment, assessment, and O&M projects • Validates and verifies system security requirements definitions and analysis and establishes system security designs • Designs, develops, implements and/or integrates IA and security systems and system components including those for networking, computing, and enclave environments • Builds IA into systems deployed to operational environments	BS/BA	5
AI-C-65	54151HACS	Cyber Security Specialist	The Cyber Security Specialist may identify and resolve highly complex issues to prevent cyber attacks on information systems and to keep computer information systems secure from interruption of service, intellectual property theft, network viruses, data mining, financial theft, and theft of sensitive customer data, allowing business to continue as normal. This is accomplished through the systematic implementation of a cyber framework and process. The Cyber Security Specialist designs, installs, and manages security mechanisms that protect networks and information systems against hackers, breaches, viruses, and spyware. This individual responds to incidents, investigates violations, and recommends enhancements to plug potential security gaps. Competent in subject matter and concepts and generally considered a specialist in area of assignment. May lead individuals assisting in the work.	BS/BA	5
AI-C-66	54151HACS	Cyber Storage Administrator	The Cyber Storage Administrator administers and safeguards efficient and reliable centralized electronic storage area networks (SAN), such as Network Attached Storage, Content Addressable Storage, DAS environments, or	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			other technologies classified as storage technology. This individual may oversee, evaluate, implement, monitor, troubleshoot, or maintain SAN and related technologies, system upgrades, or optimization storage strategies. The Storage Administrator monitors the data storage needs of the company so that business can run efficiently.		
AI-C-67	54151HACS	Cyber Subject Matter Authority (SMA)	Recognized as an authority in a given domain of Cyber security, or proficient in highly demanded emergent cyber tools or processes required under special circumstances Duties may include • Apply subject matter authority to a specific incident, security application or enterprise environment to improve security posture or resolve organizational issues • Generate issue papers and reporting • Advise senior leadership on security issues	BS/BA	5
AI-C-68	54151HACS	Cyber Subject Matter Expert (SME)	Recognized as industry leading expert in multiple cyber security tools, processes, architectures and demonstrates clear understanding of emerging threats to proactively mitigate risk. Establishes goals and plans that meet organization objectives. Expert knowledge of technical domain and overall industry. Expert in making recommendations on further project development and with specific systems enhancements. Ensures that the client and the organization is maximizing the impacts and potential of new systems. Implement strategies on organizational performance and technical standards. Provides technical/management leadership for the organization.	BS/BA	5
AI-C-69	54151HACS	Cyber System Administrator	The Cyber System Administrator administers, develops, runs tests on, implements, and maintains operating system and related software in support of cyber related activities. The Cyber System Administrator 3 establishes and implements standards for computer operations, consistent with documented customer cyber policies, for compatibility between hardware and software, according to specifications and parameters. This individual troubleshoots and resolves software, operating system, and networking problems identified in vulnerability scans, penetration tests, and other security testing performed on the system. The Cyber System Administrator 3 schedules, performs, and monitors system backups and, when necessary, performs data recoveries. Competent in cyber subject matter and concepts and generally considered a specialist in area of assignment. May lead individuals assisting in the work.	BS/BA	5
AI-C-70	54151HACS	Cyber Technical Architect	The Cyber Technical Architect provides thought leadership related to current and future customer plans with regard to protecting customer information technology from cyber	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			threats. The Cyber Technical Architect 2 possesses knowledge of the future direction and trends associated with the stated information technology, and is up to date with current threats associated with it. This individual has experience in designing and implementing protections for information architecture. The Cyber Technical Architect designs secure architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.		
AI-C-71	54151HACS	Cyber Technical Writer	Researches, writes, edits, and proofreads technical data for use in documents or sections of documents such as manuals, procedures and specifications. Ensures technical documentation is accurate, complete, meets editorial and government specifications and adheres to standards for quality, graphics, coverage, format, and style. Assists in establishing style guidelines and standards for texts and illustrations or equivalent.	BS/BA	5
AI-C-72	54151HACS	Cyber Threat Intelligence Analyst	With little or no supervision provides cyber intelligence analysis including the reviews classified and unclassified cyber news feeds, signature updates, incident reports, threat briefs, and vulnerability alerts from external sources and to determine its applicability to the customer environment. Disseminates information externally within the cyber intelligence community. Interprets and compiles the information received about emerging threats at different classification levels through data feeds from Internet security firms, Government organizations, private industry, and foreign Governments into actionable monitoring either by developing custom content or by some other means. Identifies potential threats based on enterprise utilized hardware and software and accounts for current and evolving hacking tools and methodologies available to disrupt these systems. Participates in cybersecurity exercises. Leads teams of cyber intelligence analysts.	BS/BA	5
AI-C-73	54151HACS	Cyber Training Specialist	The Cyber Training Specialist develops teaching outlines and determines instructional methods, using knowledge of specified training needs and effectiveness of such methods as individual training, group instruction, lectures, demonstrations, conferences, meetings, or workshops. This individual prepares, organizes and heads training sessions covering standard training, specialized training or counseling in designated areas.	BS/BA	5
AI-C-74	54151HACS	Forensics Analyst	Independently leads digital forensics investigations. Certified in one or more information technology and forensics areas. Experience maintaining chain of custody and	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			cataloguing evidence/information related to forensics investigation. Experience in eDiscovery and possesses significant working knowledge of EnCase or similar forensics tools.		
AI-C-75	54151HACS	Incident Response Analyst	Contributes to generating responses to crisis or urgent situations to mitigate immediate and / or potential threats. Uses mitigation, preparedness, and response and recovery approaches, as needed, to maximize survival of life, preservation of property, and information security. Duties may include • Lead one or more functional security teams (Incident response, forensics, cyber intelligence etc.) • Support the development of staff schedules and staffing forecasts for approval • Ensure shift members follow the appropriate incident escalation and reporting procedures • Provides support promptly and efficiently through front-line telephone and email communications • Ingest, triage, prioritize, assign, track, document, and manage incidents and results • Provide technical support in response to computer security incidents • Correlate, map, and fuse any and all incident information for the development and distribution of cyber alerts and notices, or other products as Required • Document technical details of current or potential intruder threats consistent with environment • Coordinate, communicate, share information, and work closely with organizational stakeholders • Responsible for knowledge management of operational procedures and support documentation	BS/BA	5
AI-C-76	54151HACS	Information Assurance (IA) Specialist	Provides guidance for Information Assurance (IA), including advice on how to adhere to regulatory requirements, such as Federal Information Security Management Act of 2002 (FISMA). Responsible for interpreting IA requirements using DoD, FISMA, and NIST guidelines. Responsible for policy compliance, internal policy development, and strategic planning. May be responsible for monitoring compliance notices and ensuring that security patches, communication tasking orders and warning orders are known. Performs IA consulting, assessment, documentation and IA compliance program development. Supports programs to comply with or follow FISMA, OMB A-130, NIST Publications, and DoD requirements and guidelines. Prepares and updates C&A packages, such as System Security Plan (SSP), Information Technology Contingency Plan (ITCP), and Privacy Impact Assessments (PIA). Prepares and conducts Security Test and Evaluation (ST&E) for supported systems. Analyzes results of ST&E to produce Plan of Action and Milestones	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			(POA&M). Prepares quarterly FISMA compliance reports as required.		
AI-C-77	54151HACS	Network Security Analyst	Responsible for examining malicious software, suspicious network activities, and non-authorized presence in the network to analyze the nature of the threat, and secure and monitor firewall configurations.	BS/BA	5
AI-C-78	54151HACS	Risk and Vulnerability Threat Analyst	Participate in the conduct of controls and security assessments to assess risk of exposure of proprietary data through weaknesses in platforms, access procedures, or forms of access to the organization's systems and the data contained in them. Duties may include • Ability to actively lead and manage project update briefings, working sessions and stakeholder meetings • Apply strong analytical/assessment to security systems and enterprise architecture (e.g., conducting gap analyses, risk assessments) • Participates in Security Control Assessments on systems to validate the results of risk assessments and ensure controls in the security plan are present and operating correctly on the system; provides thorough report of the risks to the system and its data • Evaluate system findings, develop PO&AMs, and briefed stakeholders on key findings, recommendations, risk, and impact	BS/BA	5
AI-C-79	54151HACS	Security Operations Center (SOC) Analyst	Provide cyber threat analysis and reporting to support SOC and Program's situational awareness Actively monitor security threats and risks, provide in-depth incident analysis, evaluate security incidents, and will provide proactive threat research Track investigation results and report on findings Duties may include • Lead multiple functional security teams, provide management and leadership of security operations center (SOC) • Use knowledge of regulatory compliance directives to include various monitoring and reporting requirements, industry best practice, implement optimal workflows and procedures • Manage and ensure the timely response and investigations of security events and incidents by the security operations center • Create and maintain schedules to ensure coverage by operations support personnel • Coordinate with threat operations and threat intelligence specialists to resolve high or critical severity level incidents • Responsible for knowledge management and developing procedures and policies for initial stand up of a security operations center (SOC)	BS/BA	5
AI-C-80	54151HACS	Vulnerability Assessment Analyst and Penetration Tester	May support in part or in whole technical vulnerability assessments of applications and infrastructure, vulnerability research, and generation of assessment reports. Duties may include • May devise and / or select appropriate technical tests, network or vulnerability scan	BS/BA	5

Order No.	SIN	Job Title / Labor Category / Position	Description	Minimum Education	Minimum/ General Experience
			tools, and/or pen testing tools based on review of requirements and purpose; lists all steps involved for executing selected test(s) and coaches others in the use of advanced research, development, or scan tools and the analysis of comparative findings between proposed and current technologies • Coordinates or leads teams to conducts ethical tests, network scans, and/or vulnerability scans that support the evaluation of information safeguard effectiveness • Conduct reconnaissance, target assessment, target selection, and vulnerability research • Creates custom tools and exploits to penetrate various levels of controls including network, operating system, and physical • Using COTS or custom tools, conduct or leads teams to conduct vulnerability assessments, analyzes results, identifies exploitable vulnerabilities, and verifies vulnerabilities through manual assessment • Prepares and reviews assessment documents, validates and communicates key findings to stakeholders		

Allowable Substitutions for Education and Experience

Allowable Substitutions for Education and Experience

The following tables indicate the allowable substitutions of education and experience which may be used to allow a specific individual to meet job description requirements.

Education in Excess of Requirements in Substitution for Required Experience

Required Education	Actual Education	Additional Years of Experience Credited
Master's Degree (MS)	Doctoral Degree	4
Bachelor's Degree (BS)	Master's Degree	2
Associate's/Tech. Institute Degree (AS)	Bachelor's Degree	2
High School Diploma/GED (HS)	Associate's/Tech. Institute Degree	2

Experience in Excess of Requirements in Substitution for Required Education

Required Education	Actual Education	Additional Years of Experience Needed
Doctoral Degree (D)	Master's Degree	4
Master's Degree (MS)	Bachelor's Degree	2
Bachelor's Degree (BS)	Associate's/Tech. Institute Degree	2
Associate's/Tech. Institute Degree (AS)	High School Diploma/GED	2