



**GENERAL SERVICES ADMINISTRATION  
FEDERAL ACQUISITION SERVICE  
AUTHORIZED FEDERAL SUPPLY SCHEDULE FSS PRICE LIST**

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA Advantage!™, a menu- driven database system. The INTERNET address for GSA Advantage!™ is: <http://www.GSAAdvantage.gov>.

## **Multiple Award Schedule**

FSC Group: Information Technology

**Contract Number:** 47QTCA21D006C

**Period Covered by Contract:** March 10, 2021 through March 9, 2026

DHARA CONSULTING GROUP, INC.

7520 STANDISH PL STE 200

ROCKVILLE, MD 20855-2852

Sastry Dhara

202-597-2322

sastry@dhara-it.com

8(a) Certified Small Business

Pricelist Current through modification PS-009 effective October 3, 2024

For more information on ordering from Federal Supply Schedules go to the GSA Schedules page at GSA.gov.

Prices Shown Herein are Net (discount deducted)

**CUSTOMER INFORMATION:**

**1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)/NAICS**

<b>SIN</b>	<b>DESCRIPTION</b>
54151S	Information Technology Professional Services
518210C	Cloud Computing and Cloud Related IT Professional Services
OLM	Order level materials

**1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:**

N/A

**1c. HOURLY RATES (Services only):**

See page 4

**2. MAXIMUM ORDER:** \$500,000

**3. MINIMUM ORDER:** \$100

**4. GEOGRAPHIC COVERAGE:** Domestic, including 48 contiguous states, and Washington, DC.

**5. POINT(S) OF PRODUCTION:** Rockville, MD

**6. DISCOUNT FROM LIST PRICES:** *GSA Net Prices are shown on the attached GSA Pricelist. Negotiated discount has been applied and the IFF has been added.*

**7. QUANTITY DISCOUNT(S):** 1% on single orders over \$100,000

**8. PROMPT PAYMENT TERMS:** 1% if paid within 10 days, net 30 days. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions

**9. FOREIGN ITEMS:** N/A

**10a. TIME OF DELIVERY:** 30 DARO

**10b. EXPEDITED DELIVERY:** Items available for expedited delivery are noted in this price list or negotiated at the task order level.

**10c. OVERNIGHT AND 2-DAY DELIVERY:** Overnight and 2-day delivery are available. Contact the Contractor for rates.

**10d. URGENT REQUIRMENTS:** Agencies can contact the Contractor's representative to affect a faster delivery. Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.

11. **FOB POINT:** Destination
- 12a. **ORDERING ADDRESS:** Same as contractor
- 12b. **ORDERING PROCEDURES:** See Federal Acquisition Regulation (FAR) 8.405-3
13. **PAYMENT ADDRESS:** Same as contractor
14. **WARRANTY PROVISION:** N/A for services
15. **EXPORT PACKING CHARGES:** Not applicable
16. **TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):**  
N/A
17. **TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** N/A
- 18a. **TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):** N/A
- 18b. **TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** N/A
19. **LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** N/A
20. **LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** N/A
21. **PREVENTIVE MAINTENANCE (IF APPLICABLE):** N/A
- 22a. **SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants):** N/A
- 22b. **If applicable, indicate that Section 508 compliance information is available for the information and communications technology (ICT) products and services and show where full details can be found (e.g. contractor's website or other location.) ICT accessibility standards can be found at:** <https://www.Section508.gov/>. N/A
23. **UNIQUE ENTITY IDENTIFIER (UEI) NUMBER:** DA4CZGUNZMG9
24. **NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:** SAM is update and current

**GSA Price List**

<b>Labor Category</b>	3/10/2021	3/10/2022	3/10/2023	3/10/2024	3/10/2025
	- 3/9/2022	- 3/9/2023	- 3/9/2024	- 3/9/2025	- 3/9/2026
Principal Staff and Architect Engineer (Subject Matter Expert)	\$182.67	\$189.25	\$196.06	\$203.12	\$210.44
Principal Solutions Architect	\$176.46	\$182.82	\$189.40	\$196.22	\$203.28
Solutions Architect	\$164.25	\$170.17	\$176.29	\$182.64	\$189.22
SME - Computer and Information Systems Manager - Rate A	\$158.97	\$164.70	\$170.62	\$176.77	\$183.13
SME - Database Administrator	\$135.77	\$140.65	\$145.72	\$150.97	\$156.40
Junior Solutions Architect	\$111.16	\$115.16	\$119.30	\$123.60	\$128.05
Senior Database Administrator	\$102.69	\$106.39	\$110.22	\$114.19	\$118.30
Journeyman Database Administrator	\$91.83	\$95.13	\$98.56	\$102.11	\$105.78
Journeyman Software Developer, Applications	\$86.89	\$90.02	\$93.26	\$96.61	\$100.09
Senior Computer Systems Analyst	\$79.74	\$82.61	\$85.58	\$88.66	\$91.86
Junior Business Intelligence Analyst	\$50.27	\$52.08	\$53.95	\$55.90	\$57.91
Journeyman Business Intelligence Analyst	\$61.72	\$63.95	\$66.25	\$68.63	\$71.10
Senior Business Intelligence Analyst	\$79.55	\$82.41	\$85.37	\$88.44	\$91.63
SME - Business Intelligence Analyst	\$96.91	\$100.39	\$104.01	\$107.76	\$111.64
Junior Computer and Information Research Scientist	\$81.18	\$84.10	\$87.12	\$90.26	\$93.50
Journeyman Computer and Information Research Scientist	\$102.26	\$105.93	\$109.75	\$113.70	\$117.79

Senior Computer and Information Research Scientist	\$125.61	\$130.14	\$134.82	\$139.68	\$144.71
SME - Computer and Information Research Scientist	\$138.90	\$143.90	\$149.08	\$154.45	\$160.01
Junior Computer and Information Systems Manager	\$63.47	\$65.75	\$68.12	\$70.57	\$73.11
Journeyman Computer and Information Systems Manager	\$80.03	\$82.91	\$85.89	\$88.99	\$92.19
Senior Computer and Information Systems Manager	\$115.69	\$119.85	\$124.16	\$128.63	\$133.27
SME - Computer and Information Systems Manager	\$118.79	\$123.06	\$127.50	\$132.09	\$136.85
Junior Computer Hardware Engineer	\$60.25	\$62.42	\$64.66	\$66.99	\$69.40
Journeyman Computer Hardware Engineer	\$78.73	\$81.56	\$84.49	\$87.54	\$90.69
Senior Computer Hardware Engineer	\$95.40	\$98.83	\$102.39	\$106.08	\$109.89
SME - Computer Hardware Engineer	\$118.79	\$123.06	\$127.50	\$132.09	\$136.85
Junior Computer Network Architect	\$60.25	\$62.42	\$64.66	\$66.99	\$69.40
Journeyman Computer Network Architect	\$78.73	\$81.56	\$84.49	\$87.54	\$90.69
Senior Computer Network Architect	\$95.40	\$98.83	\$102.39	\$106.08	\$109.89
SME - Computer Network Architect	\$118.89	\$123.17	\$127.61	\$132.20	\$136.96
Junior Computer Network Support Specialist	\$44.04	\$45.62	\$47.26	\$48.97	\$50.73
Journeyman Computer Network Support Specialist	\$55.13	\$57.12	\$59.17	\$61.30	\$63.51
Senior Computer Network Support Specialist	\$69.02	\$71.51	\$74.08	\$76.75	\$79.51
SME - Computer Network Support Specialist	\$83.96	\$86.98	\$90.12	\$93.36	\$96.73
* Junior Computer Operator	\$27.57	\$28.55	\$29.58	\$30.65	\$31.76
* Journeyman Computer Operator	\$64.32	\$66.64	\$69.04	\$71.53	\$74.11
Senior Computer Operator	\$42.32	\$43.84	\$45.42	\$47.05	\$48.75
SME - Computer Operator	\$45.68	\$47.32	\$49.03	\$50.79	\$52.61
Junior Computer Programmer	\$58.12	\$60.21	\$62.38	\$64.62	\$66.95
Journeyman Computer Programmer	\$71.80	\$74.39	\$77.07	\$79.84	\$82.71
Senior Computer Programmer	\$89.15	\$92.36	\$95.69	\$99.13	\$102.70
SME - Computer Programmer	\$112.92	\$116.98	\$121.19	\$125.55	\$130.08

Junior Computer Systems Analyst	\$52.34	\$54.23	\$56.18	\$58.21	\$60.30
Journeyman Computer Systems Analyst	\$64.32	\$66.64	\$69.04	\$71.53	\$74.11
Senior Computer Systems Analyst	\$81.33	\$84.26	\$87.29	\$90.44	\$93.69
SME - Computer Systems Analyst	\$100.13	\$103.74	\$107.48	\$111.35	\$115.36
Junior Computer Systems Engineer/Architect	\$60.90	\$63.09	\$65.36	\$67.72	\$70.16
Journeyman Computer Systems Engineer/Architect	\$95.68	\$99.12	\$102.69	\$106.39	\$110.22
Senior Computer Systems Engineer/Architect	\$110.79	\$114.78	\$118.91	\$123.19	\$127.63
SME - Computer Systems Engineer/Architect	\$132.92	\$137.70	\$142.66	\$147.80	\$153.12
* Junior Computer User Support Specialist	\$33.70	\$34.91	\$36.17	\$37.47	\$38.82
Journeyman Computer User Support Specialist	\$43.75	\$45.32	\$46.95	\$48.64	\$50.40
Senior Computer User Support Specialist	\$54.46	\$56.42	\$58.46	\$60.56	\$62.74
SME - Computer User Support Specialist	\$67.02	\$69.43	\$71.93	\$74.52	\$77.20
Junior Data Warehousing Specialist	\$51.69	\$53.55	\$55.48	\$57.47	\$59.54
Journeyman Data Warehousing Specialist	\$64.96	\$67.29	\$69.71	\$72.22	\$74.82
Senior Data Warehousing Specialist	\$80.03	\$82.91	\$85.89	\$88.99	\$92.19
SME - Data Warehousing Specialist	\$97.99	\$101.52	\$105.18	\$108.97	\$112.89
Junior Database Administrator	\$65.46	\$67.82	\$70.26	\$72.79	\$75.41
Journeyman Database Administrator	\$93.66	\$97.04	\$100.53	\$104.15	\$107.90
Senior Database Administrator	\$104.75	\$108.51	\$112.42	\$116.47	\$120.66
SME - Database Administrator	\$127.91	\$132.51	\$137.28	\$142.23	\$147.35
Junior Database Architect	\$56.84	\$58.88	\$61.00	\$63.19	\$65.47
Journeyman Database Architect	\$88.62	\$91.82	\$95.12	\$98.55	\$102.10
Senior Database Architect	\$87.85	\$91.01	\$94.29	\$97.68	\$101.20
SME - Database Architect	\$109.01	\$112.93	\$116.99	\$121.20	\$125.56
Junior Document Management Specialist	\$42.13	\$43.65	\$45.22	\$46.85	\$48.53
Journeyman Document Management Specialist	\$54.24	\$56.19	\$58.22	\$60.31	\$62.48
Senior Document Management Specialist	\$67.76	\$70.20	\$72.73	\$75.35	\$78.06

SME - Document Management Specialist	\$83.45	\$86.45	\$89.56	\$92.79	\$96.13
Junior Information Security Analyst	\$61.20	\$63.41	\$65.69	\$68.06	\$70.51
Journeyman Information Security Analyst	\$77.32	\$80.10	\$82.98	\$85.96	\$89.06
Senior Information Security Analyst	\$86.51	\$89.62	\$92.85	\$96.19	\$99.66
SME - Information Security Analyst	\$114.80	\$118.93	\$123.21	\$127.65	\$132.24
Junior Information Technology Project Manager	\$59.79	\$61.94	\$64.17	\$66.48	\$68.88
Journeyman Information Technology Project Manager	\$75.64	\$78.36	\$81.18	\$84.10	\$87.12
Senior Junior Information Technology Project Manager	\$91.18	\$94.47	\$97.87	\$101.40	\$105.05
SME - Junior Information Technology Project Manager	\$130.93	\$135.65	\$140.53	\$145.59	\$150.83
Junior Management Analyst	\$63.36	\$65.63	\$68.00	\$70.45	\$72.99
Journeyman Management Analyst	\$72.03	\$74.62	\$77.31	\$80.09	\$82.97
Senior Management Analyst	\$98.11	\$101.64	\$105.30	\$109.09	\$113.02
SME - Management Analyst	\$119.22	\$123.52	\$127.96	\$132.56	\$137.34
Junior Network and Computer Systems Administrator	\$56.40	\$58.44	\$60.54	\$62.72	\$64.98
Journeyman Network and Computer Systems Administrator	\$80.57	\$83.48	\$86.48	\$89.59	\$92.82
Senior Network and Computer Systems Administrator	\$86.80	\$89.92	\$93.16	\$96.51	\$99.99
SME - Network and Computer Systems Administrator	\$118.84	\$123.12	\$127.56	\$132.15	\$136.91
Junior Software Developer, Applications	\$68.48	\$70.95	\$73.51	\$76.16	\$78.90
Journeyman Software Developer, Applications	\$88.62	\$91.82	\$95.12	\$98.55	\$102.10
Senior Software Developer, Applications	\$95.43	\$98.86	\$102.42	\$106.11	\$109.92
SME - Software Developer, Applications	\$132.95	\$137.73	\$142.69	\$147.83	\$153.15
Junior Software Developer, Systems Software	\$62.61	\$64.87	\$67.20	\$69.62	\$72.13
Journeyman Software Developer, Systems Software	\$79.52	\$82.38	\$85.34	\$88.41	\$91.60
Senior Software Developer, Systems Software	\$92.54	\$95.88	\$99.34	\$102.91	\$106.62
SME - Software Developer, Systems Software	\$119.57	\$123.87	\$128.33	\$132.96	\$137.74
Junior Software Quality Assurance Engineer and Tester	\$40.77	\$42.24	\$43.76	\$45.33	\$46.96

Journeyman Software Quality Assurance Engineer and Tester	\$50.86	\$52.70	\$54.59	\$56.55	\$58.59
Senior Software Quality Assurance Engineer and Tester	\$60.50	\$62.68	\$64.94	\$67.27	\$69.69
SME - Software Quality Assurance Engineer and Tester	\$74.03	\$76.69	\$79.45	\$82.31	\$85.27
Junior Technical Writer	\$44.33	\$45.92	\$47.58	\$49.29	\$51.06
Journeyman Technical Writer	\$54.97	\$56.95	\$58.99	\$61.12	\$63.31
Senior Technical Writer	\$68.90	\$71.38	\$73.94	\$76.60	\$79.37
SME - Technical Writer	\$85.98	\$89.08	\$92.28	\$95.61	\$99.05
Junior Training and Development Specialist	\$40.62	\$42.09	\$43.60	\$45.17	\$46.79
Journeyman Training and Development Specialist	\$50.20	\$52.00	\$53.87	\$55.81	\$57.81
Senior Training and Development Specialist	\$58.70	\$60.82	\$63.00	\$65.27	\$67.62
SME - Training and Development Specialist	\$75.57	\$78.29	\$81.11	\$84.03	\$87.05
Junior Web Administrator	\$46.69	\$48.37	\$50.12	\$51.92	\$53.79
Journeyman Web Administrator	\$58.34	\$60.43	\$62.61	\$64.87	\$67.20
Senior Web Administrator	\$72.23	\$74.83	\$77.52	\$80.31	\$83.20
SME - Web Administrator	\$89.92	\$93.16	\$96.51	\$99.99	\$103.59
Junior Web Developer	\$48.97	\$50.73	\$52.55	\$54.45	\$56.41
Journeyman Web Developer	\$61.75	\$63.98	\$66.29	\$68.68	\$71.14
Senior Web Developer	\$76.66	\$79.43	\$82.29	\$85.25	\$88.32
SME - Web Developer	\$94.87	\$98.29	\$101.82	\$105.49	\$109.29
Cloud Project Manager		\$194.99	\$202.02	\$209.29	\$216.83
Sr Cloud Architect		\$241.31	\$249.99	\$258.99	\$268.31
Cloud Architect		\$219.38	\$227.27	\$235.46	\$243.93
Sr Cloud Engineer		\$207.36	\$214.82	\$222.56	\$230.57
Cloud Engineer		\$175.50	\$181.81	\$188.36	\$195.14
Sr Data Architect		\$227.10	\$235.27	\$243.75	\$252.52
Data Architect		\$185.25	\$191.92	\$198.83	\$205.98
Sr Cloud Security Engineer		\$165.39	\$171.35	\$177.51	\$183.90
Cloud Security Engineer		\$146.25	\$151.52	\$156.97	\$162.62



Site Reliability Engineer		\$153.05	\$158.56	\$164.27	\$170.19
Cloud FinOps Engineer		\$170.62	\$176.77	\$183.13	\$189.72
Chief Engineer SME			\$178.02	\$184.42	\$191.06
Chief Architect SME			\$216.86	\$224.66	\$232.76
Systems Engineer Senior			\$173.29	\$179.53	\$185.98
Model Based Systems Engineering (MBSE) Modeler Senior			\$173.29	\$179.53	\$185.98
Information Assurance Specialist Journeyman			\$158.20	\$163.89	\$169.79
Information Assurance Officer Senior			\$184.19	\$190.82	\$197.69
Communications and Networking Protocols Specialist Senior			\$141.40	\$146.49	\$151.76
Configuration and Data Manager Senior			\$144.99	\$150.21	\$155.62
Technical Writer Journeyman			\$84.16	\$87.19	\$90.34
Contracts Administrator Journeyman			\$84.16	\$87.19	\$90.34
Contracts Administrator Junior			\$71.54	\$74.12	\$76.79
Project Coordinator Journeyman			\$91.40	\$94.69	\$98.10
Travel Administrator Journeyman			\$91.40	\$94.69	\$98.10
Program Manager Journeyman			\$141.40	\$146.49	\$151.76
Program Manager SME			\$176.66	\$183.02	\$189.61
Model Based Systems Engineering (MBSE) Modeler SME			\$178.02	\$184.42	\$191.06
SCRUM Master Senior			\$109.09	\$113.02	\$117.09

SIN	Labor Category Title	Labor Category Description	Minimum Education	Years of Experience
54151S	Principal Staff and Architect Engineer (Subject Matter Expert)	Responsible for providing technical leadership and guidance to plan, organize, develop, and assist the customer in system architecture approaches and to provide support to multiple complex technical program effort. Oversees and defines design and technology maturity constraints of the system in accordance with customer specifications. Works with the Enterprise Architect to ensure recommended solutions fit within the existing architecture. Understands both the technology and the business functionality needs of customers to ensure that recommended technologies are properly implemented, fully utilized, and effectively optimized to meet the needs of the business/customer. Continuously evaluate the technologies against vendor product roadmaps, competitive products, and market trends to ensure that the recommended solutions meets current and future customer needs.	Masters	10
54151S	Principal Solutions Architect	Understand the needs of customers and gathers requirements and specifications from clients and users and translates these requirements into functional specifications and requirements, integrating recommendations with both existing systems and recommendations for new systems to develop overall project specifications. Possess a high level of technical literacy, which helps them determine how a software or infrastructure solution fits into an organization's current structure and assists in the development of specifications and requirements. The Principal Architect serves as the Lead for major programs and project, providing direction to other solutions architects and team members.	Masters	8
54151S	Solutions Architect	Understand the needs of customers and gathers requirements and specifications from clients and users and translates these requirements into functional specifications and requirements, integrating recommendations with both existing systems and recommendations for	Masters	6

		new systems to develop overall project specifications. Possess a high level of technical literacy, which helps them determine how a software or infrastructure solution fits into an organization's current structure and assists in the development of specifications and requirements.		
54151S	SME - Computer and Information Systems Manager - Rate A	Implement and oversee computer-related activity within a company or organization. Working with top executives, help determine the computing system needs for a company or major programs and then produce a plan to meet those needs. Oversee staff in the execution and implementation of plans to meet major program needs. May supervise the installation of new computer hardware and software systems and the maintenance of security networks. Computer software engineers, computer systems analysts, computer support specialists and computer programmers may all work under the supervision of a computer information systems manager	Masters	8
54151S	SME - Database Administrator	Provides senior technical support to translate business needs into long-term architecture solutions. Defines, designs, and builds data bases and is responsible for developing data architecture blueprints, evaluating hardware and software platforms, and integrating systems. Responsible for developing enterprise level data strategy, data architecture, and data management policies, processes, and procedures. Advises application developers on technology, methodology, and best practices to reach enterprise goals such as data sharing, data integration, data quality, and data security.	Masters	8
54151S	Junior Solutions Architect	Understand the needs of customers and gathers requirements and specifications from clients and users and translates these requirements into functional specifications and requirements, integrating recommendations with both existing systems and recommendations for new systems to develop overall project specifications. Possess some degree of technical literacy.	Masters	4
54151S	Senior Database Administrator	Plans, organizes, and controls overall activities of database systems. Responsibilities include monitoring standards, systems, and procedures as they relate to database design and integration; defining the scope of	Masters	5

		the database function; organizing the database function; documenting activities, procedures, and results; and managing database security.		
54151S	Journeyman Database Administrator	In support of more senior database administrators, monitoring systems, stored procedures, documents activities, assists with managing databases.	Masters	4
54151S	Journeyman Software Developer, Applications	Under general supervision, develops, codes, test, and debugs new software of enhancements to existing software. Has good understanding of business application. Works with technical staff to understand problems with software and resolve them. Resolves customer complaints with software and responds to suggestions for improvements and enhancements. May assist in development of software user manuals. Demonstrates software.	Masters	4
54151S	Senior Computer Systems Analyst	Acts independently under general direction. Has full technical knowledge of all phases of applications systems analysis. May use CASE tools. May have duties instructing, directing and checking the work of other applications systems analysis personnel. May have quality assurance review responsibilities. Provides technical consulting on complex projects. Formulates/defines system scope and objectives. Often acts as business expert and assists users in defining needs. Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time and form of desired results. Prepares detailed specifications from which programs will be written. Analyzes and revises existing system logic difficulties and documentation as necessary.	Masters	4
54151S	Junior Business Intelligence Analyst	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Business Intelligence Analyst - Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.	High School Diploma	3
54151S	Journeyman	JOURNEYMAN: Possesses and applies expertise on multiple complex	High	4

	Business Intelligence Analyst	work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Business Intelligence Analyst - Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.	School Diploma	
54151S	Senior Business Intelligence Analyst	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others.	Bachelors Degree	4
54151S	SME - Business Intelligence Analyst	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others.	Bachelors Degree	5
54151S	Junior Computer and Information Research Scientist	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer and Information Research Scientist - Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.	Bachelors Degree	3
54151S	Journeyman Computer and	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring	Bachelors Degree	5

	Information Research Scientist	originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer and Information Research Scientist - Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.		
54151S	Senior Computer and Information Research Scientist	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer and Information Research Scientist - Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.	Bachelors Degree	6
54151S	SME - Computer and Information Research Scientist	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer and Information Research Scientist - Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.	Bachelors Degree	7
54151S	Junior Computer and Information Systems Manager	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision.	High School Diploma	2

		Computer and Information Systems Manager - Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.		
54151S	Journeyman Computer and Information Systems Manager	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer and Information Systems Manager - Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.	Bachelors Degree	3
54151S	Senior Computer and Information Systems Manager	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer and Information Systems Manager - Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.	Bachelors Degree	4
54151S	SME - Computer and Information Systems Manager	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer and Information Systems Manager - Plan, direct, or coordinate	Bachelors Degree	5

		activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.		
54151S	Junior Computer Hardware Engineer	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer Hardware Engineer - Research, design, develop, or test computer or computer-related equipment for commercial, industrial, military, or scientific use. May supervise the manufacturing and installation of computer or computer-related equipment and components.	High School Diploma	2
54151S	Journeyman Computer Hardware Engineer	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer Hardware Engineer - Research, design, develop, or test computer or computer-related equipment for commercial, industrial, military, or scientific use. May supervise the manufacturing and installation of computer or computer-related equipment and components.	Bachelors Degree	2
54151S	Senior Computer Hardware Engineer	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer Hardware Engineer - Research, design, develop, or test computer or computer-related equipment for commercial, industrial, military, or scientific use. May supervise the manufacturing and installation of computer or	Bachelors Degree	5



		computer- related equipment and components.		
54151S	SME - Computer Hardware Engineer	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer Hardware Engineer - Research, design, develop, or test computer or computer-related equipment for commercial, industrial, military, or scientific use. May supervise the manufacturing and installation of computer or computer- related equipment and components.	Bachelors Degree	7
54151S	Junior Computer Network Architect	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer Network Architect - Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning. May also design network and computer security measures. May research and recommend network and data communications hardware and software.	High School Diploma	2
54151S	Journeyman Computer Network Architect	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer Network Architect - Design and implement computer and information	Bachelors Degree	3

		networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning. May also design network and computer security measures. May research and recommend network and data communications hardware and software.		
54151S	Senior Computer Network Architect	<p>SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer Network Architect - Design and implement computer and information</p> <p>networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning. May also design network and computer security measures. May research and recommend network and data communications hardware and software.</p>	Bachelors Degree	5
54151S	SME - Computer Network Architect	<p>SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer Network Architect - Design and implement computer and information</p> <p>networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning. May also design network and computer security measures. May research and recommend network and data communications hardware and software.</p>	Bachelors Degree	7

54151S	Junior Computer Network Support Specialist	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer Network Support Specialist - Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Perform network maintenance to ensure networks operate correctly with minimal interruption.	High School Diploma	1
54151S	Journeyman Computer Network Support Specialist	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer Network Support Specialist - Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Perform network maintenance to ensure networks operate correctly with minimal interruption.	High School Diploma	2
54151S	Senior Computer Network Support Specialist	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer Network Support Specialist - Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Perform network maintenance to ensure networks operate correctly with minimal interruption.	High School Diploma	4
54151S	SME - Computer Network Support	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals	Bachelors Degree	4

	Specialist	and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer Network Support Specialist - Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Perform network maintenance to ensure networks operate correctly with minimal interruption.		
54151S	* Junior Computer Operator	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer Operator - Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. Monitor and respond to operating and error messages. May enter commands at a computer terminal and set controls on computer and peripheral devices.	High School Diploma	0-1
54151S	* Journeyman Computer Operator	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer Operator - Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. Monitor and respond to operating and error messages. May enter commands at a computer terminal and set controls on computer and peripheral devices.	High School Diploma	3

54151S	Senior Computer Operator	<p><b>SENIOR:</b> Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer Operator - Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. Monitor and respond to operating and error messages. May enter commands at a computer terminal and set controls on computer and peripheral devices.</p>	High School Diploma	1
54151S	SME - Computer Operator	<p><b>SUBJECT MATTER EXPERT (SME):</b> Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer Operator - Monitor and control electronic computer and peripheral electronic data processing equipment to process business, scientific, engineering, and other data according to operating instructions. Monitor and respond to operating and error messages. May enter commands at a computer terminal and set controls on computer and peripheral devices.</p>	Bachelors Degree	1
54151S	Junior Computer Programmer	<p><b>JUNIOR:</b> Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer Programmer - Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist</p>	High School Diploma	1

		software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.		
54151S	Journeyman Computer Programmer	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer Programmer - Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.	Bachelors Degree	1
54151S	Senior Computer Programmer	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer Programmer - Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.	Bachelors Degree	3
54151S	SME - Computer Programmer	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to	Bachelors Degree	5

		ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer Programmer - Create, modify, and test the code, forms, and script that allow computer applications to run. Work from specifications drawn up by software developers or other individuals. May assist software developers by analyzing user needs and designing software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.		
54151S	Junior Computer Systems Analyst	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer Systems Analyst - Analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.	High School Diploma	1
54151S	Journeyman Computer Systems Analyst	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer Systems Analyst - Analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.	High School Diploma	2

54151S	Senior Computer Systems Analyst	<p><b>SENIOR:</b> Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer Systems Analyst - Analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.</p>	Bachelors Degree	3
54151S	SME - Computer Systems Analyst	<p><b>SUBJECT MATTER EXPERT (SME):</b> Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer Systems Analyst - Analyze science, engineering, business, and other data processing problems to implement and improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or recommend commercially available software.</p>	Bachelors Degree	5
54151S	Junior Computer Systems Engineer/Architect	<p><b>JUNIOR:</b> Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer Systems Engineer/Architect - Design and develop solutions to complex</p>	High School Diploma	3



		applications problems, system administration issues, or network concerns. Perform systems management and integration functions.		
54151S	Journeyman Computer Systems Engineer/Architect	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer Systems Engineer/Architect - Design and develop solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions.	Bachelors Degree	4
54151S	Senior Computer Systems Engineer/Architect	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer Systems Engineer/Architect - Design and develop solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions.	Bachelors Degree	6
54151S	SME - Computer Systems Engineer/Architect	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer Systems Engineer/Architect - Design and develop solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions.	Bachelors Degree	7

54151S	* Junior Computer User Support Specialist	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Computer User Support Specialist - Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, or via telephone or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.	High School Diploma	0-1
54151S	Journeyman Computer User Support Specialist	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Computer User Support Specialist - Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, or via telephone or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.	High School Diploma	1
54151S	Senior Computer User Support Specialist	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Computer User Support Specialist - Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, or via telephone or electronically. May provide assistance concerning the use of computer hardware and software, including	High School Diploma	3

		printing, installation, word processing, electronic mail, and operating systems.		
54151S	SME - Computer User Support Specialist	<b>SUBJECT MATTER EXPERT (SME):</b> Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Computer User Support Specialist - Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, or via telephone or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.	Bachelors Degree	2
54151S	Junior Data Warehousing Specialist	<b>JUNIOR:</b> Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Data Warehousing Specialist - Design, model, or implement corporate data warehousing activities. Program and configure warehouses of database information and provide support to warehouse users.	High School Diploma	2
54151S	Journeyman Data Warehousing Specialist	<b>JOURNEYMAN:</b> Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Data Warehousing Specialist - Design, model, or implement corporate data warehousing activities. Program and configure warehouses of database	High School Diploma	3

		information and provide support to warehouse users.		
54151S	Senior Data Warehousing Specialist	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Data Warehousing Specialist - Design, model, or implement corporate data warehousing activities. Program and configure warehouses of database information and provide support to warehouse users.	Bachelors Degree	4
54151S	SME - Data Warehousing Specialist	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Data Warehousing Specialist - Design, model, or implement corporate data warehousing activities. Program and configure warehouses of database information and provide support to warehouse users.	Bachelors Degree	5
54151S	Junior Database Administrator	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Database Administrator - Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. May plan, coordinate, and implement security measures to safeguard computer databases.	High School Diploma	2
54151S	Journeyman Database Administrator	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks.	Bachelors Degree	3

		Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Database Administrator - Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. May plan, coordinate, and implement security measures to safeguard computer databases.		
54151S	Senior Database Administrator	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Database Administrator - Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. May plan, coordinate, and implement security measures to safeguard computer databases.	Bachelors Degree	4
54151S	SME - Database Administrator	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Database Administrator - Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. May plan, coordinate, and implement security measures to safeguard computer databases.	Bachelors Degree	5
54151S	Junior Database Architect	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires	High School	2

		practical experience and training. Work is performed under supervision. Database Architect - Design strategies for enterprise database systems and set standards for operations, programming, and security. Design and construct large relational databases. Integrate new systems with existing warehouse structure and refine system performance and functionality.	Diploma	
54151S	Journeyman Database Architect	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Database Architect - Design strategies for enterprise database systems and set standards for operations, programming, and security. Design and construct large relational databases. Integrate new systems with existing warehouse structure and refine system performance and functionality.	Bachelors Degree	3
54151S	Senior Database Architect	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Database Architect - Design strategies for enterprise database systems and set standards for operations, programming, and security. Design and construct large relational databases. Integrate new systems with existing warehouse structure and refine system performance and functionality.	Bachelors Degree	3
54151S	SME - Database Architect	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client	Bachelors Degree	4

		negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Database Architect - Design strategies for enterprise database systems and set standards for operations, programming, and security. Design and construct large relational databases. Integrate new systems with existing warehouse structure and refine system performance and functionality.		
54151S	Junior Document Management Specialist	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Document Management Specialist- Implement and administer enterprise-wide document management systems and related procedures that allow organizations to capture, store, retrieve, share, and destroy electronic records and documents.	High School Diploma	1
54151S	Journeyman Document Management Specialist	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Document Management Specialist- Implement and administer enterprise-wide document management systems and related procedures that allow organizations to capture, store, retrieve, share, and destroy electronic records and documents.	High School Diploma	2
54151S	Senior Document Management Specialist	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Document Management Specialist- Implement and administer enterprise-wide	Bachelors Degree	3

		document management systems and related procedures that allow organizations to capture, store, retrieve, share, and destroy electronic records and documents.		
54151S	SME - Document Management Specialist	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Document Management Specialist- Implement and administer enterprise-wide document management systems and related procedures that allow organizations to capture, store, retrieve, share, and destroy electronic records and documents.	Bachelors Degree	4
54151S	Junior Information Security Analyst	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Information Security Analyst - Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.	High School Diploma	3
54151S	Journeyman Information Security Analyst	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Information Security Analyst - Plan, implement, upgrade, or monitor security	High School Diploma	4



		measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.		
54151S	Senior Information Security Analyst	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Information Security Analyst - Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.	Bachelors Degree	4
54151S	SME - Information Security Analyst	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Information Security Analyst - Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.	Bachelors Degree	5
54151S	Junior Information Technology Project Manager	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision.	Bachelors Degree	1

		Information Technology Project Manager - Plan, initiate, and manage information technology (IT) projects. Lead and guide the work of technical staff. Serve as liaison between business and technical aspects of projects. Plan project stages and assess business implications for each stage. Monitor progress to assure deadlines, standards, and cost targets are met.		
54151S	Journeyman Information Technology Project Manager	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Information Technology Project Manager - Plan, initiate, and manage information technology (IT) projects. Lead and guide the work of technical staff. Serve as liaison between business and technical aspects of projects. Plan project stages and assess business implications for each stage. Monitor progress to assure deadlines, standards, and cost targets are met.	Bachelors Degree	3
54151S	Senior Junior Information Technology Project Manager	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Information Technology Project Manager - Plan, initiate, and manage information technology (IT) projects. Lead and guide the work of technical staff. Serve as liaison between business and technical aspects of projects. Plan project stages and assess business implications for each stage. Monitor progress to assure deadlines, standards, and cost targets are met.	Bachelors Degree	4
54151S	SME - Junior Information	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals	Bachelors Degree	6

	Technology Project Manager	and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Information Technology Project Manager - Plan, initiate, and manage information technology (IT) projects. Lead and guide the work of technical staff. Serve as liaison between business and technical aspects of projects. Plan project stages and assess business implications for each stage. Monitor progress to assure deadlines, standards, and cost targets are met.		
54151S	Junior Management Analyst	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Management Analyst - Conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Includes program analysts and management consultants.	Bachelors Degree	1
54151S	Journeyman Management Analyst	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Management Analyst - Conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Includes	Bachelors Degree	2

		program analysts and management consultants.		
54151S	Senior Management Analyst	<p>SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Management Analyst - Conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Includes program analysts and management consultants.</p>	Bachelors Degree	3
54151S	SME - Management Analyst	<p>SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Management Analyst - Conduct organizational studies and evaluations, design systems and procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Includes program analysts and management consultants.</p>	Bachelors Degree	6
54151S	Junior Network and Computer Systems Administrator	<p>JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Network and Computer Systems Administrator - Install, configure, and support an organization's local area network (LAN), wide area network (WAN),</p>	High School Diploma	1

		and Internet systems or a segment of a network system. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures.		
54151S	Journeyman Network and Computer Systems Administrator	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Network and Computer Systems Administrator - Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures.	High School Diploma	2
54151S	Senior Network and Computer Systems Administrator	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Network and Computer Systems Administrator - Install,	Bachelors Degree	3

		<p>configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures.</p>		
54151S	SME - Network and Computer Systems Administrator	<p>SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Network and Computer Systems Administrator - Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures.</p>	Bachelors Degree	7
54151S	Junior Software	<p>JUNIOR: Applies fundamental concepts, processes, practices, and</p>	High	2

	Developer, Applications	procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Software Developer, Applications - Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.	School Diploma	
54151S	Journeyman Software Developer, Applications	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Software Developer, Applications - Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.	Bachelors Degree	3
54151S	Senior Software Developer, Applications	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Software Developer, Applications - Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize	Bachelors Degree	4

		software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.		
54151S	SME - Software Developer, Applications	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Software Developer, Applications - Develop, create, and modify general computer applications software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.	Bachelors Degree	6
54151S	Junior Software Developer, Systems Software	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Software Developer, Systems Software - Research, design, develop, and test operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications. Set operational specifications and formulate and analyze software requirements. May design embedded systems software. Apply principles and techniques of computer science, engineering, and mathematical analysis.	High School Diploma	2
54151S	Journeyman	JOURNEYMAN: Possesses and applies expertise on multiple complex	Bachelors	3



	Software Developer, Systems Software	work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Software Developer, Systems Software - Research, design, develop, and test operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications. Set operational specifications and formulate and analyze software requirements. May design embedded systems software. Apply principles and techniques of computer science, engineering, and mathematical analysis.	Degree	
54151S	Senior Software Developer, Systems Software	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Software Developer, Systems Software - Research, design, develop, and test operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications. Set operational specifications and formulate and analyze software requirements. May design embedded systems software. Apply principles and techniques of computer science, engineering, and mathematical analysis.	Bachelors Degree	4
54151S	SME - Software Developer, Systems Software	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making	Bachelors Degree	5

		and domain knowledge may have a critical impact on overall project implementation. May supervise others. Software Developer, Systems Software - Research, design, develop, and test operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computing applications. Set operational specifications and formulate and analyze software requirements. May design embedded systems software. Apply principles and techniques of computer science, engineering, and mathematical analysis.		
54151S	Junior Software Quality Assurance Engineer and Tester	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Software Quality Assurance Engineer and Tester - Develop and execute software test plans in order to identify software problems and their causes.	High School Diploma	1
54151S	Journeyman Software Quality Assurance Engineer and Tester	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Software Quality Assurance Engineer and Tester - Develop and execute software test plans in order to identify software problems and their causes.	High School Diploma	2
54151S	Senior Software Quality Assurance Engineer and Tester	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Software Quality Assurance Engineer and Tester - Develop and execute software test plans in order to identify software problems and their causes.	Bachelors Degree	3
54151S	SME - Software	SUBJECT MATTER EXPERT (SME): Provides technical/management	Bachelors	5

	Quality Assurance Engineer and Tester	leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Software Quality Assurance Engineer and Tester - Develop and execute software test plans in order to identify software problems and their causes.	Degree	
54151S	Junior Technical Writer	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Technical Writer - Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work.	High School Diploma	1
54151S	Journeyman Technical Writer	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Technical Writer - Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work.	Bachelors Degree	2
54151S	Senior Technical Writer	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Technical Writer - Write technical materials, such as equipment	Bachelors Degree	3

		manuals, appendices, or operating and maintenance instructions. May assist in layout work.		
54151S	SME - Technical Writer	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Technical Writer - Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work.	Bachelors Degree	5
54151S	Junior Training and Development Specialist	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Training and Development Specialist - Design and conduct training and development programs to improve individual and organizational performance. May analyze training needs.	High School Diploma	1
54151S	Journeyman Training and Development Specialist	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Training and Development Specialist - Design and conduct training and development programs to improve individual and organizational performance. May analyze training needs.	High School Diploma	2
54151S	Senior Training and Development	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology	Bachelors Degree	3

	Specialist	assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Training and Development Specialist - Design and conduct training and development programs to improve individual and organizational performance. May analyze training needs.		
54151S	SME - Training and Development Specialist	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Training and Development Specialist - Design and conduct training and development programs to improve individual and organizational performance. May analyze training needs.	Bachelors Degree	4
54151S	Junior Web Administrator	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Web Administrator - Manage web environment design, deployment, development and maintenance activities. Perform testing and quality assurance of web sites and web applications.	High School Diploma	1
54151S	Journeyman Web Administrator	JOURNEYMAN: Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Web Administrator - Manage web environment design, deployment, development and maintenance activities. Perform testing and quality assurance of web sites and web	High School Diploma	2

		applications.		
54151S	Senior Web Administrator	SENIOR: Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Web Administrator - Manage web environment design, deployment, development and maintenance activities. Perform testing and quality assurance of web sites and web applications.	Bachelors Degree	3
54151S	SME - Web Administrator	SUBJECT MATTER EXPERT (SME): Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project implementation. May supervise others. Web Administrator - Manage web environment design, deployment, development and maintenance activities. Perform testing and quality assurance of web sites and web applications.	Bachelors Degree	3
54151S	Junior Web Developer	JUNIOR: Applies fundamental concepts, processes, practices, and procedures on technical assignments. Performs work that requires practical experience and training. Work is performed under supervision. Web Developer - Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content.	Bachelors Degree	1

54151S	Journeyman Web Developer	<p><b>JOURNEYMAN:</b> Possesses and applies expertise on multiple complex work assignments. Assignments may be broad in nature, requiring originality and innovation in determining how to accomplish tasks. Operates with appreciable latitude in developing methodology and presenting solutions to problems. Contributes to deliverables and performance metrics where applicable. Web Developer - Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content.</p>	Bachelors Degree	2
54151S	Senior Web Developer	<p><b>SENIOR:</b> Possesses and applies a comprehensive knowledge across key tasks and high impact assignments. Plans and leads major technology assignments. Evaluates performance results and recommends major changes affecting short-term project growth and success. Functions as a technical expert across multiple project assignments. May supervise others. Web Developer - Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content.</p>	Bachelors Degree	3
54151S	SME - Web Developer	<p><b>SUBJECT MATTER EXPERT (SME):</b> Provides technical/management leadership on major tasks or technology assignments. Establishes goals and plans that meet project objectives. Has domain and expert technical knowledge. Directs and controls activities for a client, having overall responsibility for financial management, methods, and staffing to ensure that technical requirements are met. Interactions involve client negotiations and interfacing with senior management. Decision-making and domain knowledge may have a critical impact on overall project</p>	Bachelors Degree	5

		implementation. May supervise others. Web Developer - Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content.		
518210C	Cloud Project Manager	The Project Manager serves as the task lead on projects and contracts and serves as the principal liaison between the Contract and Customer. The Project Manager is responsible for ensuring that all tasking associated with the project are completed effectively and efficiently, on time and within budget. The Project Manager is also responsible for providing updated technical, managerial and contractual inputs to the customer.	Bachelors	8
518210C	Sr Cloud Architect	The Sr Solutions Architect is an expert in the Cloud Strategy and Solutioning in multi-cloud environments. Able to design and architect SaaS, PaaS, IaaS and EaaS solutions using cloud technologies. Has a strong overall knowledge of IT logical and technical architecture principles with particular focus on scalable and robust public cloud strategy and design.	Bachelors	10
518210C	Cloud Architect	The Cloud Architect is an expert in the Cloud environment. Able to architect SaaS, PaaS, IaaS and EaaS solutions using cloud technologies. Has a strong overall knowledge of IT logical and technical architecture principles with particular focus on scalable and robust public cloud design.	Bachelors	5
518210C	Sr Cloud Engineer	The Sr Cloud Engineer is an expert in deploying and maintaining Cloud environments. Able to deploy and maintain SaaS, PaaS, IaaS and EaaS solutions using cloud technologies. Has a strong overall knowledge of IT logical and technical principles with particular focus on cloud technologies. The Sr Cloud Engineer also oversees the technical onboarding into a Managed Services environment.	Bachelors	8
518210C	Cloud Engineer	The Cloud Engineer analyzes and resolves problems associated with the	Bachelors	4



		cloud deployments, environments, operating system's servers, hardware, applications, and software and other tier 2 and 3 support items. Oversees customer maintenance such as patching , installing software and software updates, identifying system performance risks and problems, and developing and presenting solutions.		
518210C	Sr Data Architect	Designs and develops complex solutions for clients using specific technical expertise. Work includes application development, infrastructure planning, and system integration activities. Focuses on the delivery of engagement results to the client; may require involvement in several engagements simultaneously and the coordination of other consultants involved in a specific project phase.	Bachelors	10
518210C	Data Architect	Designs and develops complex solutions for clients using specific technical expertise. Work includes application development, infrastructure planning, and system integration activities. Focuses on the delivery of engagement results to the client; may require involvement in several engagements simultaneously and the coordination of other consultants involved in a specific project phase.	Bachelors	7
518210C	Sr Cloud Security Engineer	The Sr Cloud Security Engineer is an expert in the deployment and implementation of the Cloud Security architecture and policies. Able to develop security solutions around SaaS, PaaS, IaaS and EaaS architecture. Has a strong overall knowledge of Cyber/Cloud Security principles with particular focus on FISMA and FedRAMP Compliant public cloud solutions.	Bachelors	10
518210C	Cloud Security Engineer	The Cloud Security Engineer is an expert in the deployment and implementation of the Cloud Security architecture and policies. Able to develop security solutions around SaaS, PaaS, IaaS and EaaS architecture. Has a strong overall knowledge of Cyber/Cloud Security principles with particular focus on FISMA and FedRAMP Compliant public cloud solutions.	Bachelors	5
518210C	Site Reliability Engineer	The Site Reliability Engineer implements the continuous improvement of the application stack by automating standardized and manual tasks in order to maintain the reliability, scalability, availability, and security of	Bachelors	4

		the platform and applications. Extend the monitoring of the platform and automate the recovery process.		
518210C	Cloud FinOps Engineer	The Cloud FinOps Engineer is able to provide cost estimates on what the cloud service will cost the customer. They are able to provide the optimal cost model for production runs	Bachelors	4
54151S	Chief Engineer SME	Provides Subject Matter Expertise to advise the Chief Solution Engineer on all engineering activities of all phases of solutions for applicable collection platform(s) (ex. airborne, spaceborne, land-based, maritime/submarine), collection sensors, apertures, processors, and other onboard mission equipment; as well as solutions associated with downstream processing and correlation of these collections. This includes research, development, design, integration, test, evaluation, and deployment/delivery. Uses Model Based System Engineering (MBSE) principles, perform Product Lifecycle Management, utilizing an Agile DevSecOps engineering pipeline to accelerate mission-tailored, scalable, and threat (ex. CEMA) resilient systems (ex. C5ISR). Ensures end-to-end quality through the EngineeringEdge process. Builds flexibility, scalability, and rapid insertion capability into solutions through a maximally open architecture approach to development of hardware and software. Advises the MBSE team; collaborates with other engineering and science experts; orchestrates all components and processes that constitute collection platforms, such as associated Primary Mission Equipment (PME) / Mission Equipment Payload (MEP), and processing, exploitation, and dissemination of data. Analyzes system requirements and document the analysis and findings for the Government in a Systems Support Requirements Document.	Bachelors	10
54151S	Chief Architect SME	Provides Subject Matter Expertise to advise the Chief Solution Engineer on all engineering activities of all phases of solutions for applicable collection platform(s) (ex. airborne, spaceborne, land-based, maritime/submarine), collection sensors, apertures, processors, and other onboard mission equipment; as well as solutions associated with downstream processing and correlation of these collections. This includes research, development, design, integration, test, evaluation, and deployment/delivery. Uses Model Based System Engineering (MBSE) principles, perform Product Lifecycle	Bachelors	10

		Management, utilizing an Agile DevSecOps engineering pipeline to accelerate mission-tailored, scalable, and threat (ex. CEMA) resilient systems (ex. C5ISR). Ensures end-to-end quality through the EngineeringEdge process. Builds flexibility, scalability, and rapid insertion capability into solutions through a maximally open architecture approach to development of hardware and software. Advises the MBSE team; collaborates with other engineering and science experts; orchestrates all components and processes that constitute collection platforms, such as associated Primary Mission Equipment (PME) / Mission Equipment Payload (MEP), and processing, exploitation, and dissemination of data. Analyzes system requirements and document the analysis and findings for the Government in a Systems Support Requirements Document.		
54151S	Systems Engineer Senior	Leads Model Based Systems Engineering (MBSE) engineering, integration, and testing for systems (ex. C5ISR) and other initiatives including the development of systematic situation analyses, trade-off analyses, problem and potential problem analyses, decision analyses, risk analyses, tactics analyses, mission analyses, and strategy analyses associated with systems engineering and integration. Analyzes system requirements and document the analysis and findings for the Government in a Systems Support Requirements Document.	Bachelors	8
54151S	Model Based Systems Engineering (MBSE) Modeler Senior	Creates and manages strategic roadmap for Model Based Systems Security Engineering (MBSE). Advises Cybersecurity and IA Team on all matters related to digital engineering, in particular with managing cyber requirement updates and managing the accreditation artifacts for continuous monitoring. Provides training and advises on certification paths for agency/client staff assigned to Cybersecurity and IA Team. Oversees and manages the MBSE model configuration control, verification, and validation in support of cyber requirements for any security changes and updates.	Bachelors	8
54151S	Information Assurance Specialist Journeyman	Assists with development and maintenance of the System Security Plan, Cybersecurity Plan, Security assessment Report, operating procedures, POA&Ms, Risk Assessment Report, and all associated artifacts required to obtain accreditation. Develops and continuously updates the cybersecurity strategy for the program, taking into account long term and short term	Bachelors	3

		<p>strategies. Provides management of resources and ensure schedules are met to achieve accreditation on schedule. Maintains the continuous control and accountability of hardware, software, and artifacts on classified systems. Assists the government with developing and maintaining security incident cleanup plans, sanitization and data extraction programs for media, test plans, and protections measures. Utilizes a comprehensive RMF framework that enables their cyber security management to make accurate risk-based decisions on where to focus resources for tactical and strategic cyber security operations. Provides recommendations for prioritization of audit findings based on highest potential impact and risk to the organization. Performs periodic risk assessment activities and recommends courses of action that minimize risk while meeting cyber security controls per the categorization of the system. Performs periodic reviews of Government cybersecurity policies and provides recommendations for enhancements based on federal compliance mandates and current and emerging cybersecurity threats and trends. Performs review of security controls, configurations, and architectures and provides recommendations of where to focus efforts to mitigate the most risk to the organization. Performs certification and accreditation (C&amp;A) activities and interfaces with government independent C&amp;A team to ensure all systems are certified and accredited and have the proper security controls required for their sensitivity and classification level.</p>		
54151S	Information Assurance Officer Senior	<p>Leads the Information Security team and liaisons with government team with primary propose to obtain and maintain accreditation. Oversees development and maintenance of the System Security Plan, Cybersecurity Plan, Security assessment Report, operating procedures, POA&amp;Ms, Risk Assessment Report, and all associated artifacts required to obtain accreditation. Develops and continuously updates the cybersecurity strategy for the program, taking into account long term and short term strategies. Provides management of resources and ensure schedules are met to achieve accreditation. Maintains the continuous control and accountability of hardware, software, and artifacts on classified systems. Assists the government with developing and maintaining security incident cleanup plans, sanitization and data extraction programs for media, test plans, and</p>	Bachelors	8

		<p>protections measures. Utilizes a comprehensive RMF framework that enables their cyber security management to make accurate risk-based decisions on where to focus resources for tactical and strategic cyber security operations. Provides recommendations for prioritization of audit findings based on highest potential impact and risk to the organization. Performs periodic risk assessment activities and recommends courses of action that minimize risk while meeting cyber security controls per the categorization of the system. Performs periodic reviews of Government cybersecurity policies and provides recommendations for enhancements based on federal compliance mandates and current and emerging cybersecurity threats and trends. Performs review of security controls, configurations, and architectures and provides recommendations of where to focus efforts to mitigate the most risk to the organization. Performs certification and accreditation (C&amp;A) activities and interfaces with government independent C&amp;A team to ensure all systems are certified and accredited and have the proper security controls required for their sensitivity and classification level.</p>		
54151S	<p>Communications and Networking Protocols Specialist Senior</p>	<p>Reviews incoming requirements and advises Cybersecurity and IA Team on communications and networking protocols, their use, advancements in the field, applications, and known counter-measures to develop technical responses to cyber threats. Performs research into protocols to enhance information security, cybersecurity, and communications and networking capability of NSIN and mission partners. Conducts CND for classified and unclassified networks and support the operations and maintenance of the networks. Performs routing data updates and required security patching for networking equipment</p>	Bachelors	2
54151S	<p>Configuration and Data Manager Senior</p>	<p>Oversees the analysis of operational engineering (integration, modification, and modernization) change proposals fielded collection platforms (ex. C5ISR, PME, and MEP) to determine the effect on the overall system. Collection platforms include manned and unmanned airborne/seaborne/spaceborne platforms that gather intelligence data from multiple sources. Work may include collection platform Primary Mission Equipment (PME) and Mission Equipment Payload (MEP) including collection sensors (ex. SIGINT, GEOINT, and/or MASINT), antennas, onboard mission equipment, intelligence and/or</p>	Highschool Diploma	8

		<p>PED systems (hardware and software), and ancillary systems. Ensures configuration identification by reviewing design release documents for completeness, proper authorizations, and system updates. Develops configuration and data management documentation based on program requirements. Participates in design reviews, audits, scheduling, budgeting, etc. Identifies requirements and participates in the development and implementation of computer based configuration/data management systems and related support. Provides configuration management planning. Describes provisions for configuration identification, change control, configuration status accounting, and configuration audits. Regulates the change process so that only approved and validated changes are incorporated into product documents and related software. Ensures software updates on one system will be updated throughout all affected systems.</p>		
54151S	Technical Writer Journeyman	<p>Provides Technical Writing support for all phases of solutions (ex. C5ISR) for applicable collection platform(s) (ex. airborne, spaceborne, land-based, maritime/submarine), collection sensors, apertures, processors, and other onboard mission equipment; as well as solutions associated with downstream processing and correlation of these collections. This includes research, development, design, integration, test, evaluation, and deployment/delivery. Writes, rewrites and/or edits technical documents such as technical procedure manuals, user manuals, programming manuals, service manuals, operational specifications, and related technical publications to communicate clearly and effectively technical specifications and instructions to a wide range of audiences. Acquires subject knowledge by interviewing product developers, observing performance of production methods, referring to technical specifications, blueprints, engineering illustrations, and trade journals. Oversees preparation of illustrative materials, selecting drawings, sketches, diagrams and charts. Conducts quality review of materials. Translates complex data into user-friendly text for print and electronic publications, such as technical journals, user and training manuals, government proposals, websites and podcasts. Gathers information through research, statistical reports and interviews with</p>	Bachelors	3

		technical staff. Develops cataloging systems, and maintains records, files, electronic media and archiving of information for publications. Assists in preparing material for technical seminars and business forums. Selects or recommend use of layouts, graphics, drawings, tables, exhibits, illustrations, charts, or storyboards to amplify or clarify publications objectives.		
54151S	Contracts Administrator Journeyman	Provides program contract management support including coordination of contract award and modifications, coordination of funding actions required for clients and formal submission of program deliverables. Administers, extends, negotiates, and terminates all TO assignments and subsequent amendments, as applicable. Supports customer contract activities to provide for proper contract acquisition and fulfillment in accordance with company policies, legal requirements, and customer specifications. Advises management of contractual rights and obligations; compiles and analyzes data; and maintains historical contractual information. Monitors company performance for conformance to original proposal and maintains continual reviews to ensure that all terms and conditions are met and that the contract is in accordance with legal requirements, customer specifications, and Government regulations. Maintains contractual records and documentation such as receipt and control of all contract correspondence, customer contact information sheets, contractual changes, status reports, and other documents for all projects, including special projects.	Bachelors	3
54151S	Contracts Administrator Junior	Provides program contract management support including coordination of contract award and modifications, coordination of funding actions required with for clients and formal submission of program deliverables. Administers, extends, negotiates, and terminates all TO and subsequent amendments, as applicable. Supports customer contract activities to provide for proper contract acquisition and fulfillment in accordance with company policies, legal requirements, and customer specifications. Advises management of contractual rights and obligations; compiles and analyzes data; and maintains historical contractual information. Monitors company performance for conformance to original proposal and maintains continual reviews to ensure that all terms and conditions are met and that the contract is in accordance with legal requirements, customer specifications, and Government	Highschool Diploma	2

		regulations. Maintains contractual records and documentation such as receipt and control of all contract correspondence, customer contact information sheets, contractual changes, status reports, and other documents for all projects, including special projects.		
54151S	Project Coordinator Journeyman	Supports the PMO by maintaining and monitoring project plans and schedules using MS Project, as well as work hours, budgets, and expenditures using client cost management tools. Organizes stakeholder meetings, captures action items and meeting minutes, documents any technical action items, and communicates with stakeholders, as needed. Documents and monitors important actions and decisions from meetings. Incorporates dependencies, risks, and opportunities into schedules. Ensures risks are captured and tracked appropriately in the risk register. Helps monitor TO and project-level progress to assure deadlines, standards, and cost targets are met. Provides support for the development, review, revision, and dissemination of all client PM artifacts, such as monthly status reports (MSRs), TO Management Portal updates (e.g., schedules, risks, project status, staffing, approvals), presentations/briefings, program communications, and other program-related reports and documentation. Reviews materials for clarity, consistency, and ease of understanding. Collaborates with PMO staff to ensure document accuracy, and reconciles conflicting information if applicable.	Bachelors	3
54151S	Travel Administrator Journeyman	Coordinates travel arrangements for all contract-related travel requirements (ex. CONUS and OCONUS), including temporary and long-term duty assignments. Supports the PM in development and submission of TARs for approval. Ensures appropriate travel documentation is maintained for invoicing. Reviews and ensures compliance of all trip reports before submission. Coordinates with Export Control for all requirements (ex. OCONUS). Monitors the client (ex. DoD) solution organizations (ex. Electronic Foreign Clearance Guide (FCG)), to ensure compliance with requirements for all approved (ex. DoD-sponsored) travel (ex. pre-travel training, specific conditions (ex. Force Protection Condition (FPCON)), and country-clearance for each specific country). Monitors the agency Department of State (DoS) travel website for travel warnings, travel alerts, and individual country-	Bachelors	3



		specific information; adjusts travel (as necessary), and provides information to employees (e.g., U.S. Embassy contact info). Protects all Personal Identifiable Information (PII) with the utmost discretion and confidentiality.		
54151S	Program Manager Journeyman	Responsible for assisting primary program manager with planning, initiating, and managing projects (ex. TDL). Leads development of packages (ex. TDP), working with PMO staff, RC, Task Leads, and government stakeholders to gather necessary requirements to propose detailed approaches, schedules, and budgets. Participates in Pre-Deployment Site Surveys (PDSS) as required for assigned TDL. Serves as liaison between business and technical aspects of projects and ensures that TO-level processes, best practices, and lessons learned are applied at TDL project level as appropriate. Monitors progress to ensure that deadlines, standards, and cost targets are met for assigned TDL projects. Coordinates with agency/client PM, RC, and other PMO staff on staffing, contractual, quality, logistics, financial, and administrative needs for assigned TDLs. Updates the agency/client TO Management Portal with all relevant TDL project information, and communicates TDL project status, risk, issues, dependencies, and actions to relevant program staff and appropriate agency/client/government stakeholders.	Associates	4
54151S	Program Manager SME	Responsible for planning, initiating, and managing the most complex projects (ex. TDL). Leads development of TDP packages, working with PMO staff, RC, Task Leads, and government stakeholders to gather necessary requirements to propose detailed approaches, schedules, and budgets. Participates in Pre-Deployment Site Surveys (PDSS) as required for assigned TDL. Serves as liaison between business and technical aspects of projects and ensures that TO-level processes, best practices, and lessons learned are applied at TDL project level as appropriate. Monitors progress to ensure that deadlines, standards, and cost targets are met for assigned TDL projects. Coordinates with client assigned PM, RC, and other PMO staff on staffing, contractual, quality, financial, and administrative needs for assigned TDLs. Updates the agency/client TO Management Portal with all relevant TDL project information, and communicates TDL project status, risk, issues, dependencies, and actions to relevant program staff and appropriate agency/client/government stakeholders. May supervise Journeyman-level	Bachelors	15

		Project Managers.		
54151S	Model Based Systems Engineering (MBSE) Modeler SME	Creates and manages strategic roadmap for Model Based Systems Security Engineering (MBSE). Advises Cybersecurity and IA Team on all matters related to digital engineering, in particular with managing cyber requirement updates and managing the accreditation artifacts for continuous monitoring. Provides training and advises on certification paths for client staff assigned to Cybersecurity and IA Team. Oversees and manages the MBSE model configuration control, verification, and validation in support of cyber requirements for any security changes and updates.	Bachelors	10
54151S	SCRUM Master Senior	Responsible for leading and coaching Agile teams within the agency of client (ex. Department of Defense (DoD)) to deliver high-quality software and systems. The SME will utilize their expertise in Agile methodologies and client/agency (ex. DoD) processes to facilitate the effective implementation of Scrum practices, ensuring the successful delivery of projects.	Associates	6