



**General Services Administration
Federal Supply Service
Authorized Federal Supply Schedule 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 are available through GSA Advantage!®, a menu-driven database system. The INTERNET address for GSA Advantage!®, is:
www.gsadvantage.gov.*

**Mission Oriented Business Integrated Services (MOBIS)
Standard Industry Group: 874 Service Codes: R499, R707, U006**

Contract Number GS-02F-0094V

For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at <http://www.gsa.gov>

Contract Period: April 8, 2009 through April 7, 2019

**JANUS Research Group, Inc.
6504 Reservoir Road, Appling, Georgia 30802
Phone: 706-364-9100
Fax: 706-364-9004**

<http://www.janusresearch.com>

**Contract Administration:
600 Ponder Place Drive
Evans, Georgia 30809
Contract.admin@janusresearch.com**

Large Business

Pricelist current through Modification PO-0009 dated April 14, 2014
Schedule current through Mass Modification A344 dated December 12, 2013

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Customer Information**I a. Table of awarded special item number(s) with appropriate cross-reference to item descriptions and awarded price(s).**

See Table of Contents for SINS 874-1, 874-4, 874-6 and 874-7

I b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract.

Model numbers are not applicable. See the attached labor category descriptions, hourly labor rates, and course commercial price list.

I c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided.

JANUS Research Group, Inc. agrees to grant the Government the following pricing that is inclusive of the Industrial Funding Fee (IFF): See attached Commercial Prices, TABLE 2, and Labor Category Descriptions.

2. Maximum order: \$1,000,000

3. Minimum order: \$100.00

4. Geographic coverage (delivery area): Worldwide

5. Point(s) of production (city, county, and State or foreign country).

JANUS Research Group, Inc.
600 Ponder Place Drive
Evans, Georgia 30809
Columbia County

6. Discount from list prices or statement of net price.

JANUS Research Group, Inc. is offering the Government the following discounts:

Off-The-Shelf Courses

Basic Discount: 10.0% Net prices (discount deducted) found in Table 1.

Labor Rates

Basic Discount: 2% Net prices (discount deducted) found in Table 2.

7. Quantity discounts.***Off-The-Shelf Courses***

Quantity Discount:

No discount offered beyond the basic discount of 10.0%.

Labor Rates

Quantity Discount:

Task orders at and below \$2 Million will be offered a 2.0% discount.

Task orders greater than \$2 Million will be offered a 3.0% discount.

Task orders at and greater than \$10 Million will be offered a 3.5% discount.

8. Prompt payment terms: Net 30 days**9 a. Notification that Government purchase cards are accepted at or below the micro-purchase threshold.**

As stipulated by Clause 552.232-77 Payment by Government Commercial Purchase Card (Mar 2000) (Alternate I – Mar 2000), JANUS Research Group, Inc. will accept the Government-wide commercial purchase card for purchases equal to or less than the micro-purchase threshold.

9 b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold.

JANUS Research Group, Inc. will accept the Government-wide commercial purchase card for purchases over the micro-purchase threshold.

10. Foreign items: Not applicable**11 a. Time of delivery.**

To be negotiated between Contractor and Ordering Agency.

11 b. Expedited delivery.

To be negotiated between Contractor and Ordering Agency.

11 c. Overnight and 2-day delivery.

To be negotiated between Contractor and Ordering Agency.

11 d. Urgent requirements.

To be negotiated between Contractor and Ordering Agency. Ordering Agency may contact the Contractor representative to effect a faster delivery.

12. F.O.B. point(s).

FOB Destination, Worldwide

13 a. Ordering address.

JANUS Research Group, Inc.
ATTN: Thomas M. Duke, CEO
600 Ponder Place Drive
Evans, Georgia 30809
Phone: 706-364-9100
Fax: 706-364-9004
Thomas.duke@janusresearch.com

13 b. Ordering procedures.

For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

14. Payment address.

JANUS Research Group, Inc.
ATTN: Accounting
600 Ponder Place Drive
Evans, Georgia 30809
Phone: 706-364-9100

15. Warranty provision.

Contractor's standard commercial warranty.

16. Export packing charges, if applicable: Not applicable

17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): Not applicable

18. Terms and conditions of rental, maintenance, and repair (if applicable): Not applicable

19. Terms and conditions of installation (if applicable): Not applicable

20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable): Not applicable

20 a. Terms and conditions for any other services (if applicable): Not applicable

21. List of service and distribution points (if applicable): Not applicable

22. List of participating dealers (if applicable): Not applicable

23. Preventive maintenance (if applicable): Not applicable

24 a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants): Not applicable

24 b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov. www.janusresearch.com

25. Data Universal Number System (DUNS) number: 036857050

26. Notification regarding registration in Central Contractor Registration (CCR) database.

JANUS Research Group, Inc. is registered in the System for Award Management (SAM), formerly Central Contractor Registration (CCR) database.

Section A – SIN 874-4 Training Services: Instructor Led Training, Web Based Training and Education Courses, Course Development and Test Administration, Learning Management, Internships

We currently offer 30 courses at the National Guard Professional Education Center (NGPEC) in Little Rock, Arkansas. Our certified instructors can customize classes based on customer requirements. Typical course length and minimum/maximum student loads are shown in Table 1. All courses include a student work book with slides and notes. Each student is given a CD with a copy of course materials (student book, lab manual, and reference materials.) Detailed course descriptions are found below. Prices listed in this table include the Industrial Funding Fee (IFF).

Course Price List

Course Title	Length (Days)	Minimum Participants	Maximum Participants	Price Per Person
CISCO ACADEMY ITTC-001 (1)	15	10	16	\$4,354
CISCO ACADEMY ITTC-001 (2)	15	10	16	\$4,354
VOICE OVER IP - VOIP ITTC-002	5	6	10	\$1,453
WEBMASTER I ITTC-005	5	12	20	\$1,453
SOFTWARE ENGINEER 1 ITTC-006 (1)	5	6	10	\$1,453
SOFTWARE ENGINEER 1 ITTC-006 (2)	5	6	10	\$1,453
MICROSOFT SYSTEM ADMINISTRATOR I ITTC-007	5	12	20	\$1,453
NETWORK ENGINEER I ITTC-008	5	6	10	\$1,453
NETWORK ENGINEER II ITTC-009	5	6	10	\$1,453
WEBMASTER II ITTC-010	5	12	20	\$1,453
MICROSOFT SYSTEM ADMINISTRATOR II ITTC-016	5	12	20	\$1,453
LAN/WAN MANAGER I ITTC-017	5	6	10	\$1,453
IMPLEMENT & SUPPORT MICROSOFT EXCHANGE ITTC-018	5	12	20	\$1,453
ORACLE DBA I PHASE I ITTC-040 (1)	5	6	10	\$1,453
ORACLE DBA I PHASE II ITTC-040 (2)	5	6	10	\$1,453
HP UNIX SYSTEM ADMIN I ITTC-043	5	6	10	\$1,453
HP UNIX SYSTEM ADMIN II ITTC-044	5	6	10	\$1,453
HP EVA SAN ADMINISTRATION ITTC-045	5	6	10	\$1,453
INTERNET INFORMATION SERVER (IIS) 6.0 ITTC-054	5	12	20	\$1,453
ORACLE DBA II ITTC-056	5	6	10	\$1,453
LAN/WAN MANAGER II ITTC-058	5	6	10	\$1,453
DISTANCE LEARNING - ITC DL ITTC-061	5	15	25	\$1,453
DISTANCE LEARNING SITE OPS - DL ITTC-063	5	15	25	\$1,453
SMS ADMINISTRATION ITTC-065	5	12	20	\$1,453
ORACLE SQL I ITTC-066	5	12	20	\$1,453
NETWORK ADMINISTRATION I ITTC-070	5	12	20	\$1,453
MICROSOFT DBA I ITTC-071	5	12	20	\$1,453
MGC50 TECHNICAL MAINTENANCE COURSE ITTC-077	5	12	12	\$1,453
COMSEC CUSTODIAN INSPECTOR'S CERTIFICATION ITTC-CCICC	10	12	20	\$2,904
STANDARDIZED COMSEC CUSTODIAN COURSE ITTC-SCCC	10	12	20	\$2,904

Table 1, Course Price List

Detailed Course Descriptions

JANUS currently offers thirty instructor-based training opportunities.

Prior to course enrollment, students are provided detailed information on course title, description, scope, and major objectives. In addition, all courses include a student work book with slides and notes. Each student is given a CD with a copy of course materials (student book, lab manual, and reference materials.)

Since all classes are in the Continental United States (CONUS), all rates are domestic and overseas rates do not apply.

Our price is determined by our commercial price list included in this proposal. All classes are priced on a per student basis. JANUS' final price to GSA in Table 1 includes an Industrial Funding Fee of 0.75% and a GSA discount of 10% off the CPL. Student minimums and maximums are also found in this table.

ITTC-001 (1)	CISCO ACADEMY
	<p>Scope This course is phase 1 of a two phase course. It covers Semester one and two of the Cisco Academy curriculum. Students will learn to install and configure Cisco switches and routers in multiprotocol networks using local and wide-area networks (LANs and WANs), provide Level 1 troubleshooting service, and improve network performance and security.</p> <p>Upon successful completion of this course, students will receive an official Cisco Networking Academy Certificate of Completion. This curriculum also prepares students for the Cisco CCNA and the CompTIA Network+ certification exams.</p> <hr/> <p>Prerequisites Basic computer skills and a basic understanding of networking.</p>
ITTC-001 (2)	CISCO ACADEMY
	<p>Scope This course is phase 2 of a two phase course. It covers Semester three and four of the Cisco Academy curriculum. Students will learn to install and configure Cisco switches and routers in multiprotocol networks using local and wide-area networks (LANs and WANs), provide Level 1 troubleshooting service, and improve network performance and security.</p> <p>Upon successful completion of this course, students will receive an official Cisco Networking Academy Certificate of Completion. This curriculum also prepares students for the Cisco CCNA and the CompTIA Network+ certification exams.</p> <hr/> <p>Prerequisites Basic computer skills and a basic understanding of networking.</p> <p>Completion of Phase 1 is required.</p>

ITTC-002 VOICE OVER IP - VOIP

Scope

Voice over IP (VoIP) defines a way to carry voice calls over an IP network including the digitization and packetization of the voice streams. IP Telephony utilizes the VoIP standards to create a telephony system where higher level features such as advanced call routing, voice mail, contact centers, etc., can be utilized. This course will cover the protocols and procedures necessary to build and maintain a VoIP network in the enterprise. The course will cover Cisco's implementation of VoIP and use both soft and hard phones.

Prerequisites

ITTC-001 Phase 1 and 2, or ITTC-017 and ITTC-058.

ITTC-005 WEBMASTER I

Scope

The goal of this course is to provide students with the basic knowledge and skills necessary to develop and publish web pages in a National Guard environment. Students will learn the correct policies and procedures for maintaining a military web site. Students will also learn the basics of web development (HTML, JavaScript, CSS, ASP, XML, RSS) and will discuss other programs that are used to create web pages including the use of SharePoint.

The following publication will be used in delivery of course ITTC-005: ISBN 0-07-250916-3

Note: The publications listed above (or extracts thereof) will be provided by the training center for the duration of the associated course, and will remain the property of the training center at the conclusion of the course. In an effort to keep the curriculum current with the evolving technology, these references may be revised.

Prerequisites

Students should have a basic understanding of computers and understand the creating of files, file permissions, and knowledge of filenames and paths.

ITTC-006 (1) SOFTWARE ENGINEER 1

Scope

This course provides students with the knowledge and skills required write web-based applications in the NG environment. At the end of Phase I of the course, students will be able to establish the software engineer principles in the NG Environment, employ NG Project Management Techniques, provide the fundamentals of the .NET Environment, establish the C# Language Fundamentals, Develop objects in C#, implement object-oriented programming techniques in C# in the NG environment. Students receive a student workbook and lab manual.

Prerequisites

Due to the fast pace and advanced subject matter of this Skill Level 4 course, there are several pre-requisites for this course.

Students who wish to attend Software Engineer I must first take and pass the following courses:

- ITTC-005: Webmaster I
- ITTC-054: IIS 6 -OR- ITTC-010: Webmaster II
- ITTC-066: SQL I
- SkillPort Course 78978_ENG - Getting Started with Programming *
- SkillPort Course 78995_ENG - Designing Programs *
- Online JavaScript Course **

Equivalent experience can be substituted for prerequisites with PRIOR approval from the Course Manager. (Use contact form below.)

As this course is a two-phase course, successful completion of Phase I is required to attend Phase II. A final exam is given to assess student learning. If the exam is not successfully passed, the phase will need to re-attend in order to receive successful completion.

* SkillPort courses must be accessed online at <https://usarmy.skillport.com>. If you have never registered for a SkillPort course, you will need to register at <http://www.atrrs.army.mil/channels/elearning/SmartForce>.

** The Online JavaScript Course can be found at <http://www.w3schools.com/js/default.asp>. Students must complete the "Basic" and "Objects" sections.

Target Audience

DOIM/DPI entry to mid-level Programmer/Analysts or Web Developers.

ITTC-006 (2) SOFTWARE ENGINEER 1

Scope

This course provides students with the knowledge and skills required write web-based applications in the NG environment. At the end of Phase I of the course, students will be able to establish the software engineer principles in the NG Environment, employ NG Project Management Techniques, provide the fundamentals of the .NET Environment, establish the C# Language Fundamentals, Develop objects in C#, implement object-oriented programming techniques in C# in the NG environment. Students receive a student workbook and lab manual.

Prerequisites

This course is a two-phase course. Successful completion of Phase I is required to attend Phase II. A final exam is given to assess student learning. If the exam is not successfully passed, the phase will need to be re-attended in order to receive successful completion.

Target Audience

DOIM/DPI Entry- to mid-level Programmer/Analysts or Web Developers.

ITTC-007 MICROSOFT SYSTEM ADMINISTRATOR I

Scope

Provides students with skills and knowledge necessary to design, manage, and implement group policy in a military domain environment and implementing Software Update Services (SUS). Upon successful completion of this course students will have an effective working knowledge of: designing, managing and implementing group policy for sites, domains, and organizational units; installation, maintenance, and updates of Software Update Services.

Prerequisites

Completion of course ITTC-070 or equivalent experience for Windows 2000/2003.

ITTC-008 NETWORK ENGINEER I

Scope

This course is part one of a two-part course. Part two is titled ITTC-009 Network Engineer II. A final exam is given to assess student learning. If the exam is not successfully passed, the phase will need to be re-attended in order to receive successful completion.

This course provides students with the knowledge and skills required to properly implement, troubleshoot and maintain both local area networks (LAN) and wide area networks (WAN). Some of the topics covered include:

- Analyze the Design of State LAN/WAN Guardnet Infrastructure
- Review Media Technologies in the State Infrastructure
- Evaluate Network Protocols used in State Infrastructure
- Evaluate Hardware and Software Capabilities
- Organize and Execute a Pre-Production Test
- Assign/Modify Router and Switch Configurations
- Apply/Implement Encryption
- Examine Firewall Technologies

Prerequisites

Completion of ITTC-070, Network Administrator I; ITTC-017, LAN/WAN Manager I; and ITTC-058, LAN/WAN Manager II or equivalent training.

ITTC-009 NETWORK ENGINEER II

Scope

This course is part two of a two-part course. Part one is titled ITTC-009 Network Engineer I. A final exam is given to assess student learning. If the exam is not successfully passed, the phase will need to be re-attended in order to receive successful completion.

This course provides students with the knowledge and skills required to properly implement, troubleshoot and maintain both local area networks (LAN) and wide area networks (WAN). Some of the topics covered include:

- Analyze current network infrastructure
- Monitor network performance
- Formulate troubleshooting methodologies
- Update current network technologies
- QoS concepts
- Scripting tools
- Principles of security
- Implement RADIUS and TACACS+ in the state network
- Secure network devices using software tools
- Employ security methods

Prerequisites

Completion of ITTC-070, Network Administrator I; ITTC-017, LAN/WAN Manager I; and ITTC-058, LAN/WAN Manager II or equivalent training. Successful completion of phase I, ITTC-008 Network Engineer I is required before attendance.

ITTC-010 WEBMASTER II**Scope**

The course will highlight the key features of IIS 6.0 and SharePoint 2.0. At the end of the course, students will be able to configure WWW, FTP and SMTP services on IIS, determine and implement IIS security and encryption features, create virtual directories and servers, add Active Server Pages functionality to a Web site, and understand the integration of Active Directory with IIS. This course also provides students with the knowledge and skills to deploy and manage a Microsoft Windows SharePoint Services infrastructure. The student will learn skills that enable them to deploy and manage a Windows SharePoint Services infrastructure as well as guide end users in their use of the product.

Prerequisites

Webmaster I (ITTC-005)

*WARRANT OFFICERS who intend to use this course to meet the SharePoint requirement of WOBC must also take Webmaster I, unless a waiver has been granted by the instructor.

Waivers for prerequisites must be obtained from the instructor or course manager *PRIOR* to attendance. Waivers will be granted only with proof of either formal training or experience in the subject matter.

Target Audience

Webmasters, Web Designers and Software Engineers

ITTC-016	MICROSOFT SYSTEM ADMINISTRATOR II
	<p>Scope This course is part two of a two part course. Part one is titled ITTC-007, System Administrator I.</p>
	<p>The course will cover the following subjects: DHCP WINS Certificate Authority IPSec Shadow Copies Encrypted File System Distributed File System Windows Server Update Services Administrative Scripting</p>
	<p>Prerequisites Completion of course ITTC-070 or equivalent experience for Windows Server 2003. Successful completion of part one, ITTC-007 System Administrator I.</p>
	<p>Target Audience System Administrators of servers with Windows Server 2003 operating systems</p>
ITTC-017	LAN/WAN MANAGER I
	<p>Scope This introduction to Cisco Router course provides students with the concepts, commands, and fundamentals to manage both single and multiple router environments. Emphasis is placed on familiarization with Cisco hardware, terminology, and procedures. Class labs demonstrate how to manage a single router via console interface and through simulation software. Students will learn to install and administer a simple LAN using both static and dynamic routing tables. They will learn to apply Cisco IOS commands to build and maintain routing environments. The concept of access-lists will be introduced to reinforce the student's ability to tailor the network's data flow. Troubleshooting tasks will be demonstrated in relation to TCP/IP fundamentals and OSI model hierarchy.</p>
	<p>The following publications will be used in delivery of course ITTC-017: ISBN:# 0-7821-4167-6.</p>
	<p>NOTE: The publications listed above (or extracts thereof) will be provided by the training center for the duration of the associated course, and will remain the property of the training center at the conclusion of the course. In an effort to keep the curriculum current with the evolving technology, these references may be revised.</p>
	<p>Prerequisites Knowledge of TCP/IP and Network design helpful. Or completion of ITTC-070, ITTC-007 and ITTC-016.</p>

Target Audience

DOIM/DPI personnel or anyone functioning in a position requiring skills in network design and maintenance.

ITTC-018 IMPLEMENT & SUPPORT MICROSOFT EXCHANGE

Scope

This course provides students with the knowledge and skills that are needed to update, migrate, and support a reliable, secure infrastructure for creating, storing, and sharing information using Microsoft Exchange Server 2003 messaging environment. It provides a significant amount of hands-on- practice, discussions, and assessments that allow students to become proficient in the skills necessary.

During this course, the student will perform a clean installation of Exchange Server 2003, configure and manage Exchange Server 2003, manage interoperability, secure Exchange Server 2003, manage recipients, public folders, address lists, implement and manage client access with internet protocols, manage client configuration and connectivity, routing and mobile devices, manage data storage and hardware resources, plan for disaster and disaster recovery, backup and restore Exchange, perform preventive maintenance, and migrate users from Exchange Server 5.5 to a separate Exchange Server 2003 organization using tools provided by Microsoft and NGB.

The following publications will be used in delivery of course ITTC-018: ISBN# 0-7356-1978-6

Note: The publications listed above will be provided by the training center for the duration of the associated course, and will remain the property of the training center at the conclusion of the course.

Prerequisites

Completion of ITTC-070, ITTC-007, ITTC-008, and ITTC-016.

The following Microsoft Windows tasks should be very familiar to the students:

Working knowledge of Windows Server 2003

Working knowledge of networking, including TCP/IP, DNS, and IIS

Working knowledge of internet protocols: POP3, IMAP4, SMTP, HTTP, NNTP

Knowledge of Microsoft Exchange Server 5.5 or Exchange 200 Server is beneficial.

Knowledge of Active Directory design helpful.

ITTC-040 (1) ORACLE DBA I PHASE I

Scope

Course scope: This in-depth course covers the day-to-day duties of a database administrator and how to accomplish them. Covered topics include Process Environment, Database Basics, Overview of Oracle SQL, Architecture and

Administration, RDMBS Concepts, Disaster Recovery, Managing an Oracle Instance, Data Dictionary Views, and installation using ORACLE 8i. and 9i on the Unix platform. This is Phase 1 of a two phase course.

The following publication will be used in delivery of course ITTC-040: ISBN # 0-07-219374-3 Oracle9i DBA Handbook.

Note: The publications listed above will be provided by the training center for the duration of the associated course, and will remain the property of the training center at the conclusion of the course.

Prerequisites

ITTC-066, Oracle SQL I, Basic Unix Commands, Network Terminology (Networking Essentials recommended), ITTC-043, HP-UX System Administration I, vi Text Editor.

Target Audience

Ideal for DPI Oracle database administrator as well as the Oracle application developer moving to a DBA role, System administrators who will be supporting large ORACLE databases, application developers who will be developing database applications using Oracle 9i and DOIM database administrators.

ITTC-040 (2) ORACLE DBA I PHASE II

Scope

This in-depth course covers the day-to-day duties of a database administrator and how to accomplish them. This is a continuation of ITTC-040a. Covered topics include Managing Tablespaces and Data Files, Storage Structures and Relationships, Managing Rollback Segments, Tables, Password Security, Resources, and users, Resource Contention, Diskspace Monitoring, Application Monitoring/Debugging, Unix Web servers, and Troubleshooting using ORACLE9i on the Unix platform. This is Phase 2 of a two phase course.

The following publication will be used in delivery of course ITTC-040: ISBN # 0-07-219374-3 Oracle9i DBA Handbook.

Note: The publications listed above will be provided by the training center for the duration of the associated course, and will remain the property of the training center at the conclusion of the course.

Prerequisites

Course prerequisite: ITTC-040a Oracle DBA I Phase 1. ITTC-066, Oracle SQL I, Basic Unix Commands, Network Terminology (Networking Essentials recommended), ITTC-043, HP-UX System Administration I, vi Text Editor.

Target Audience

Ideal for DPI Oracle database administrator as well as the Oracle application developer moving to a DBA role, DOIM database administrator, System administrators who will be supporting large ORACLE databases, and application developers who will be

developing database applications using Oracle9i.

ITTC-043

HP UNIX SYSTEM ADMIN I

Scope

Students will learn the responsibilities of a System Administrator, Implementing HP-UX with Basic Unix Commands, a complete examination of the System Administration Manager (SAM), creating, managing, and customizing user accounts, the HP-UX File Hierarchy and file system concepts, creation, management, and repair of file systems, cron, managing shutdown and reboot, network connection, disaster recovery methods, DNS Concepts, and overall troubleshooting. This course will be using HP-UX 11.0, with references to HP-UX 11i.

Students receive a student workbook and lab manual.

Prerequisites

Unix Fundamentals, Basic Networking, familiarization with vi Text Editor

Target Audience

System Administrators, DBAs, Operators, and Programmers.

ITTC-044

HP UNIX SYSTEM ADMIN II

Scope

This course prepares system administrators for successful configuration and maintenance of HP-UX based systems in a networked environment. Emphasis is on installation of HP-UX 11.x, shell programming, installation and configuration of peripherals, starting network services, kernel parameter configuration, logical volume manager and disk management, DNS concepts, internet services, security administration, NFS Concepts and configuration, and COOP plans. An actual installation of HP-UX 11.x is included. A final test will be given covering topics in both ITTC-043 and ITTC-044.

Students receive a student workbook and lab manual.

Prerequisites

Completion of HP-UX System Administration I (ITTC-043), basic Unix commands, vi text editor, basic shell programming, and basic networking.

Target Audience

System administrators, DBAs, Operators, and Programmers.

ITTC-045

HP EVA SAN ADMINISTRATION

Scope

This course provides students with the knowledge and skills required to manage and maintain the HP EVA 6000 SAN. At the end of this course, students will be able to describe the architecture of the HP StorageWorks environment, Common Information Model for hosts, switches, and storage, the StorageWorks database architecture, use HP StorageWorks software, configure and zone brocade switches, understand the HP XP Array Storage environment, configure and monitor the Management Server and

Oracle databases, use role-based security, understand license options, component objectives, operating features, understand the physical architecture of the EVA 6000 and troubleshoot issues.

Prerequisites

Completion of ITTC-070, Network Administration I and completion of ITTC-043, HPUX SA I or equivalent experience with the Windows 2003 Server Environment.

Target Audience

DOIM/DPI personnel responsible for the administration and maintenance of the HP EVA 6000 SAN.

ITTC-054 INTERNET INFORMATION SERVER (IIS) 6.0

Scope

The course will highlight the key features of IIS. At the end of the course, students will be able to determine which Internet Information Server components are required to create a specific intranet or Internet site, install IIS 6.0, manage and configure IIS using the Internet Service Manager snap-in for the Microsoft Management Console. Students will configure WWW, FTP and SMTP services on IIS, determine and implement IIS security and encryption features, create virtual directories and servers, add Active Server Pages functionality to a Web site, and understand the integration of Active Directory with IIS.

Prerequisites

Completion of ITTC-008 and ITTC-070.

The instructor may waive prerequisites in lieu of applicable experience. This will be coordinated on a case-by-case basis prior to the course.

In order to obtain a waiver for the listed prerequisites the student needs to be able to show a firm understanding of Windows Server 2003, NTFS permissions and Active Directory structure.

Target Audience

DOIM/DPI personnel or anyone functioning in a position requiring Information Technology skills in the area of web site management, web server administration or web development.

ITTC-056 ORACLE DBA II

Scope

Course scope: This course provides Oracle Net concepts, server and client Oracle Net configuration, dedicated and shared server configuration; backup and recovery overview ;instance and media recovery; archive mode configuration;user managed backup; and user-managed recovery with considerable hands-on labs for data-restoration and recovery scenarios for an Oracle9i database; setup and implemetation of a standby database.

The following publication will be used in delivery of course ITTC-056: ISBN # 0-07-219374-3 and 0-07-222521-1.

Note: The publications listed above will be provided by the training center for the duration of the associated course, and will remain the property of the training center at the conclusion of the course.

Prerequisites

Course prerequisite: ITTC-040a Oracle DBA I Phase 1 and ITTC-040b Oracle DBA I Phase 2 or equivalent experience, ITTC-066 Oracle SQL I, Basic Unix Commands, Network Terminology (Networking Essentials recommended), ITTC-043 HP-UX System Administration I, vi Text Editor.

Target Audience

Ideal for experienced DPI Oracle database administrators as well as experienced DOIM database administrators, system programmers, and other personnel who will be administering the ORACLE9i Database.

ITTC-058 LAN/WAN MANAGER II

Scope

Course ITTC-058 is a continuation of ITTC-017, and expounds on routing technology and terminology covered in the prerequisite course. BSCN builds on these fundamentals by exploring a Cisco router's role in a wide area network (WAN). Students will be exposed to working with multiple routing protocols, and troubleshooting for routing problems. Redundancy, Variable Length Subnet Masks, and Scalability will also be reinforced.

Prerequisites

Completion of course ITTC-017, Interconnecting CISCO Network Devices.

Target Audience

DOIM/DPI personnel or anyone functioning in a position requiring skills in network design and maintenance.

ITTC-061 DISTANCE LEARNING - ITC DL

Scope

This course is designed to teach instructors how to effectively deliver instruction, utilizing two-way audio and two-way video. The course presents definitions, terminology, instructional methods, and techniques used in Video Tele Training.

Prerequisites

Completion of Battle Focus Instructor Trainer Course (BFITC) or The Army Instructor Trainer Course (TAITC) is required for students who will be instructing MOS or NCOES courses. Familiarization of PowerPoint is required.

Target Audience

ARNG soldiers serving as Distributed Learning instructors. All Regional Training Institute Instructors that wish to receive a certificate allowing them to teach via two-way audio and two-way video.

This course is taught via DTP classroom to DTP classroom.

ITTC-063 DISTANCE LEARNING SITE OPS - DL

Scope

This course is designed to familiarize site managers/facilitators on how to operate and manage an DL classroom. This course will provide ground rules for use of Distance Learning facilities and equipment.

Prerequisites

None.

Target Audience

Distributed Learning Site Managers.

This course is taught via DTP classroom to DTP classroom.

ITTC-065 SMS ADMINISTRATION

Scope

This course will provide students with the knowledge and skills required to setup and administer a Microsoft Systems Management Server 2003 Site.

Topics covered will include:

- Installation and Setup of the SMS Infrastructure
- Introduction to the default SMS programs
- Introduction of secondary utilities to enhance SMS functionality
- Analysis and Troubleshooting Tools
- Resource Discovery and Client Installations (Active Directory and Legacy)
- Hardware and Software Inventory Collection
- Remote Control
- Software and Package Management
- Queries and Reports
- Fault Tolerance and Recovery

As a new topic is introduced, you will be presented with labs designed to reinforce the information that has just been presented. Questions and discussion are welcome during class.

Prerequisites

Experience installing and configuring System Management software. Completion of ITTC-070, ITTC-007 and ITTC-016.

Target Audience

DOIM/DPI, Support, and Network Admin personnel who will be responsible for the

installation and support of network resources, including hardware and software.

ITTC-066	ORACLE SQL I
	<p>Scope This course will explain how to use Oracle SQL in the Unix Oracle 10g environment. Database basics, using simple functions, storing and processing dates and times, using SQL*Plus, creating simple reports, Subqueries, advanced queries, how to store, retrieve, and manipulate data using Oracle SQL*Plus in a Unix environment are included.</p>
	<p>Prerequisites Basic UNIX command knowledge and vi text editor.</p>
	<p>Target Audience Target Audience: DOIM/DPI personnel or anyone functioning in a position requiring Oracle Database SQL Information Technology skills.</p>
ITTC-070	NETWORK ADMINISTRATION I
	<p>Scope This is an entry level course in which students will be provided with the skills and knowledge necessary for simple day to day administration (i.e. helpdesk) in a Windows 2003 environment, as well as gaining the theoretical and practical knowledge required for additional Windows 2003 courses (ITTC-007, ITTC-016, ITTC-008). Topics covered include Administrative Tools; Windows 2003 Network Overview; NTFS and Share Permissions; User and Group Creation, Options, and Management; Maintaining Printing, Device Drivers, Disks and Data Storage.</p>
	<p>Prerequisites General computing skills required.</p>
	<p>Target Audience Helpdesk personnel</p>
ITTC-071	MICROSOFT DBA I
	<p>Scope This course provides students with the knowledge and skills required to implement a database solution with Microsoft SQL Server 2005 database management system. At the end of the course, students will be able to describe the elements of Microsoft SQL Server 2005 and the environments in which it can operate, as well as, configure the data storage architecture of SQL Server by creating and managing files, file groups, databases, tables, and transaction logs. Backup and Restore of database files is also discussed. Course curriculum will reinforce appropriate use, as well as monitoring and maintaining the SQL Server. Heavy emphasis is placed on Data Transformation Services, transferring data to/from heterogeneous environments.</p> <p>This course does NOT cover Microsoft Access or Excel.</p>

Prerequisites

- ITTC-066: Oracle SQL I (This is a course on the SQL query language.)
- ITTC-070: Network Administrator I

ITTC-077 MGC50 TECHNICAL MAINTENANCE COURSE

Scope

This course is a five-day, instructor-led program covering system installation, configuration, operation, and maintenance of the Polycom MGC 25/50/100 and the connected Workstation. The curriculum is delivered in a combination of lecture and hands-on laboratory exercises. The following are the goals of the course:

- Describe functions of the Audio, Video, Data, Mux processors and network interfaces:T1/E1, PI V.35/RS449)- H.320 & H.323 modules
- Install / Configure MGC hardware and software
- Install / Configure Workstation-MGC Manager
- Schedule / monitor / control a videoconference
- Describe MGC architecture, major features, build customer configurations
- Troubleshoot site connectivity problems
- Capture & read traces for conference diagnostics and obtain site status information
- Perform backups

Prerequisites

- Prior participation in a multipoint call
- Familiarity with electronic equipment
- Knowledge of Networks and Windows
- H.320 standards and H.323 standards

Target Audience

ARNG Distributed Learning State Coordinators/Managers. State Network Operation Center Technicians.

ITTC-CCICC COMSEC CUSTODIAN INSPECTOR'S CERTIFICATION

Scope

This course is designed to train and certify individuals on procedures for conducting a Command Communications Security (COMSEC) inspection IAW the policy and procedures outlined in Army Regulation (AR) 380-40, Technical Bulletin (TB) 380-41, AR 380-5, AR 380-19, AR 25-12, DA Pam 25-16, DA Pam 25-380-2, and other regulations pertaining to COMSEC.

Course Attire: Military Personnel: Duty - BDU.

Civilian Personnel: Business Casual (Collared Shirt and Slacks).

At no time will shorts or jogging suits be authorized in the classroom.

Due to the limited classroom space and billeting at the Professional Education Center (PEC), class size is limited to 20 personnel and will not be over booked. Course

cancellations must be entered in ATRRS at least 30 days prior to the course report date in order to allow adequate time for those students in a wait status in ATRRS to be notified.

Prerequisites

Individual must be a Officer, Warrant Officer, Enlisted in the grade of E-7 or higher, or a Permanent Civilian in the Grade of GS-7 or higher (The first General Officer in the chain of command may grant a waiver for E-6 or GS-6) designated to become a Command COMSEC Inspector. Individual must have successfully completed a TRADOC approved Standardized COMSEC Custodian Course and have at a minimum a SECRET level security clearance. The Local COMSEC Management Software (LCMS) course is strongly recommended.

Target Audience

ARNG/AGR Title 32 and/or Title 10 personnel, Technicians, US Army Active, and ARNG/AGR/DA Permanent Civilians.

ITTC-SCCC	STANDARDIZED COMSEC CUSTODIAN COURSE
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Scope

This course is designed to train and certify individuals designated primary and alternate COMSEC custodians with Department of the Army (DA) policies and procedures for safeguarding, controlling, and accounting for Communication Security (COMSEC) material as outlined in Army Regulation (AR) 380-40, Technical Bulletin (TB) 380-41, DA Pam 25-16, and AR 25-12.

Course Attire: Military Personnel: Duty - BDU.

Civilian Personnel: Business Casual (Collared Shirt and Slacks).

At no time will shorts or jogging suits be authorized in the classroom.

Due to the limited classroom space and billeting at the Professional Education Center (PEC), class size is limited to 20 personnel and will not be over booked. Course cancellations must be entered in ATRRS at least 30 days prior to the course report date in order to allow adequate time for those students in a wait status in ATRRS to be notified.

Prerequisites

Individual designated as a Primary COMSEC Account Custodian must be an Officer, Warrant Officer, Enlisted in the grade of E-6 or higher, or a Permanent Civilian in the Grade of GS-7 or higher. Individual designated as an Alternate COMSEC Account Custodian must be an Officer, Warrant Officer, Enlisted in the grade of E-5 or higher, or a Permanent Civilian in the Grade of GS-5 or higher.

Target Audience

ARNG/AGR Title 32 and/or Title 10 personnel, Technicians, US Army Active, and ARNG/AGR/DA Permanent Civilians.

Section B – SINS DESCRIPTIONS**SIN 874-1 Integrated Consulting Services**

JANUS successfully provides Consulting, Facilitation and Survey Services to several large, task-oriented contracts that demonstrates our ability to consult on various contracts and subcontracts, spanning multiple agencies and widely disbursed geographic locations, both CONUS and OCONUS. JANUS shall provide expert advice, assistance, guidance or counseling in support of an agency's mission-oriented business functions.

Services covered by this SIN are:

- Management or strategy consulting, including research, evaluations, studies, analyses, scenarios/simulations, reports, business policy and regulation development assistance, strategy formulation, and expert witness services
- Facilitation and related decision support services
- Survey services, using a variety of methodologies, including survey planning, design, and development; survey administration; data validation and analysis; reporting, and stakeholder briefings
- Advisory and assistance services in accordance with FAR 37.203

NOTE: Consulting services where the preponderance of work is specifically covered under other GSA Schedules are not permitted under this SIN; please refer to the Scope of Work in Part I of the MOBIS solicitation for further information.

NOTE: Expert witness, consulting, and audit services pertaining to financial matters are not covered under this SIN. Refer to Schedule 520, SIN 520-6, Professional Legal Services. Consulting services relating to public relations are not covered under this SIN. Refer to Schedule 541, SIN 541-2, Public Relations Services. Legal services are not covered under this SIN.

SIN 874-6 Acquisition Management Support

JANUS personnel possess government acquisition certifications under the Defense Acquisition Workforce Improvement Act (DAWIA) as well as industry best practices certifications such as the ISO approved Project Management Professional (PMP) certification granted by the Project Management Institute (PMI). Both JANUS' management and support personnel possess in-depth understanding and working knowledge of Defense and Federal Acquisition Regulations (DFAR and FAR) and are fully qualified to provide services in acquisition planning, market research and procurement strategy development. We have relevant experience developing acquisition documentation including cost and price estimates, quality assurance surveillance plans, Statements of Work, system specification documents, requirement documents, synopses, solicitations, price negotiation memoranda. We also provide other types of acquisition or programmatic documents necessitated by our customers such as Acquisition Strategies (AS), Test and Evaluation Master Plans, Defense Acquisition Executive Service reports, Integrated Master Schedule, and Logistics Plans. JANUS provides professional assistance to the source selection process via technical proposal evaluations, conducting cost and price analyses, and performing contract administration and competitive sourcing support services to 16 major US Army acquisition programs. Our contract administration experience includes contractor performance reviews, developing and assisting with the

execution of contract modifications, investigating contract discrepancies and providing contract kickoff, execution and closeout assistance as needed. Our acquisition personnel are experts in competitive sourcing support services, including OMB Circular A-76 studies, strategic sourcing studies, privatization studies, public private partnerships, and Federal Activities Inventory Reform (FAIR) Act studies.

Services covered by this SIN are:

Acquisition planning assistance, including market research and recommending procurement strategy: acquisition document development, including cost/price estimates, quality assurance surveillance plans, statements of work, synopses, solicitations, price negotiation memoranda, etc.: expert assistance in supporting proposal evaluations, including price/cost analysis or technical proposal analysis: contract administration support services, including assistance with reviewing contractor performance, developing contract modifications, and investigating reports of contract discrepancies: contract close-out assistance; Competitive Sourcing support, including OMB Circular A-76 studies, strategic sourcing studies, privatization studies, public-private partnerships, and Federal Activities Inventory Reform (FAIR) Act studies.

Inherently Governmental services as identified in FAR 7.503 or by the ordering agency are prohibited under MOBIS. It is the responsibility of the Contracting Officer placing the order to make this determination. Ordering activities must require prospective contractors to identify potential conflicts of interest and address those, prior to task order award. For more [information, see www.gsa.gov/mobis](http://www.gsa.gov/mobis).

NOTE: Grants management services are not covered under this SIN. Refer to Schedule 520, SIN 520-22, Grants Management Support Services.

SIN 874-7 Program and Project Management Services

JANUS successfully manages several large, task-oriented contracts including efforts that demonstrate JANUS' ability to manage large contracts, subcontractors and consultants, spanning multiple agencies and widely disbursed geographic locations, both CONUS and OCONUS. JANUS is prepared to provide acquisition and program management services for agencies throughout the Federal and DoD enterprise: we clearly understand all key management and personnel tasks that are essential for the success of these types of requirements. We provide expert project management leadership, maintain direct communications with stakeholders, provide planning and scheduling support, and we develop metrics to monitor and measure progress. JANUS thoroughly documents and reports project objectives, provides stakeholder briefings, meeting facilitation, and project support services. We apply PMBOK program integration and close-out services under the close supervision of the project/program manager.

Services covered by this SIN include:

- All phases of program or project management, from planning to closeout
- Operational/administrative business support services in order to carry out program objectives

NOTE 1: Program support services where the preponderance of work is specifically covered under other GSA Schedules are not permitted under this SIN; please refer to the Scope of Work in Part I of the MOBIS solicitation for further information.

NOTE 2: Administrative support services are authorized under this SIN; however, they must be provided in conjunction with other professional business services covered under this Schedule and must be performed under the supervision of the contractor's Project or Program Manager. Personal services as defined in FAR are prohibited under MOBIS.

Labor Category Rates and Descriptions for 874-1, 874-6 and 874-7 found in Section C

Section C - Labor Category Rates and Descriptions – 874-1, 874-4, 874-6 and 874-7

Labor Categories and Rates Table

Tables 2a and 2b show JANUS' labor categories and hourly rates for both government and contractor sites.

SIN 874-4 rates apply to both Instructor Led Training and Course Development and Test Administration.

Prices in this list include the Industrial Funding Fee (IFF) of 0.75%.

Labor Category rates have an annual 3% escalation.

Table 2a Government Site Hourly Rates

Applicable SIN(s)	Labor Category	4/08/14 thru 4/07/15	4/08/15 thru 4/07/16	4/08/16 thru 4/07/17	4/08/17 thru 4/07/18	4/08/18 thru 4/07/19	Site
874-4	Program Manager	\$134.31	\$138.34	\$142.49	\$146.76	\$151.16	Govt
874-4,-6,-7	Project Manager	\$127.23	\$131.05	\$134.98	\$139.03	\$143.20	Govt
874-4	Principal Computer Scientist	\$103.40	\$106.50	\$109.70	\$112.99	\$116.38	Govt
874-4	Senior Systems Engineer	\$123.69	\$127.40	\$131.22	\$135.16	\$139.21	Govt
874-4	Engineer	\$104.71	\$107.85	\$111.09	\$114.42	\$117.85	Govt
874-4	Senior Consultant	\$96.54	\$99.44	\$102.42	\$105.49	\$108.65	Govt
874-4	Senior Applications Systems Analyst/Programmer	\$95.17	\$98.03	\$100.97	\$104.00	\$107.12	Govt
874-4	Technology Trainer	\$83.35	\$85.85	\$88.43	\$91.08	\$93.81	Govt
874-4	Senior Virtual Reality Modeler	\$103.80	\$106.91	\$110.12	\$113.42	\$116.82	Govt
874-4	Virtual Reality Modeler	\$86.18	\$88.77	\$91.43	\$94.17	\$97.00	Govt
874-4	Database Administrator	\$74.31	\$76.54	\$78.84	\$81.21	\$83.65	Govt
874-4	Principal Functional Area Expert	\$112.46	\$115.83	\$119.30	\$122.88	\$126.57	Govt
874-4	Word Processor/Graphics	\$45.77	\$47.14	\$48.55	\$50.01	\$51.51	Govt
874-6,-7	Administrative Support Specialist	\$52.97	\$54.56	\$56.20	\$57.89	\$59.63	Govt
874-6,-7	Senior Administrative Support Specialist	\$65.14	\$67.09	\$69.10	\$71.17	\$73.31	Govt
874-6,-7	Principle Budget Analyst	\$93.50	\$96.31	\$99.20	\$102.18	\$105.25	Govt
874-6,-7	Senior Budget Analyst	\$74.80	\$77.04	\$79.35	\$81.73	\$84.18	Govt
874-6,-7	Technical Writer, Executive/Scientist	N/A	N/A	N/A	N/A	N/A	Govt

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874-1	Program Manager	\$120.44	\$124.05	\$127.77	\$131.60	\$135.55	Govt
874-1	Applications Developer Master	\$85.25	\$87.81	\$90.44	\$93.15	\$95.94	Govt
874-1	Information Assurance/Security Specialist Master	\$92.31	\$95.08	\$97.93	\$100.87	\$103.90	Govt
874-1	Training Specialist Journeyman	\$53.55	\$55.16	\$56.81	\$58.51	\$60.27	Govt
874-1	Applications Systems Analyst Journeyman	\$58.93	\$60.70	\$62.52	\$64.40	\$66.33	Govt
874-1	Voice/Data Engineer Senior	\$73.16	\$75.35	\$77.61	\$79.94	\$82.34	Govt
874-1	Voice/Data Engineer Journeyman	\$61.10	\$62.93	\$64.82	\$66.76	\$68.76	Govt
874-1	Applications Systems Analyst Senior	\$71.86	\$74.02	\$76.24	\$78.53	\$80.89	Govt
874-1	Database Specialist Senior	\$62.11	\$63.97	\$65.89	\$67.87	\$69.91	Govt
874-1	Applications Developer Journeyman	\$65.14	\$67.09	\$69.10	\$71.17	\$73.31	Govt
874-1	Information Assurance/Security Specialist Journeyman	\$59.78	\$61.57	\$63.42	\$65.32	\$67.28	Govt
874-1	Quality Assurance Specialist, Master	\$90.86	\$93.59	\$96.40	\$99.29	\$102.27	Govt
874-1	Subject Matter Expert, Senior	\$95.42	\$98.28	\$101.23	\$104.27	\$107.40	Govt
874-1	Subject Matter Expert, Master	\$104.42	\$107.55	\$110.78	\$114.10	\$117.52	Govt
874-1	Hardware Engineer Senior	\$100.73	\$103.75	\$106.86	\$110.07	\$113.37	Govt
874-1	Computer Scientist	\$130.56	\$134.48	\$138.51	\$142.67	\$146.95	Govt
874-1	Information Specialist Knowledge Engineer	\$123.38	\$127.08	\$130.89	\$134.82	\$138.86	Govt
874-1	Project Manager	\$123.52	\$127.23	\$131.05	\$134.98	\$139.03	Govt
874-1	Consultant Senior	\$89.04	\$91.71	\$94.46	\$97.29	\$100.21	Govt
874-1	Engineer	\$101.66	\$104.71	\$107.85	\$111.09	\$114.42	Govt
874-1	Virtual Reality Model	\$83.67	\$86.18	\$88.77	\$91.43	\$94.17	Govt
874-1	Technical Trainer	\$76.87	\$79.18	\$81.56	\$84.01	\$86.53	Govt

Table 2b Contractor Site Hourly Rates

Cont	Labor Category	4/08/14 thru 4/07/15	4/08/15 thru 4/07/16	4/08/16 thru 4/07/17	4/08/17 thru 4/07/18	4/08/18 thru 4/07/19	Site
874-4	Program Manager	\$148.46	\$152.91	\$157.50	\$162.23	\$167.10	Cont
874-4,-6,-7	Project Manager	\$134.31	\$138.34	\$142.49	\$146.76	\$151.16	Cont
874-4	Principal Computer Scientist	\$113.73	\$117.14	\$120.65	\$124.27	\$128.00	Cont
874-4	Senior Systems Engineer	\$130.99	\$134.92	\$138.97	\$143.14	\$147.43	Cont
874-4	Engineer	\$113.10	\$116.49	\$119.98	\$123.58	\$127.29	Cont
874-4	Senior Consultant	\$105.52	\$108.69	\$111.95	\$115.31	\$118.77	Cont
874-4	Senior Applications Systems Analyst/Programmer	\$102.84	\$105.93	\$109.11	\$112.38	\$115.75	Cont
874-4	Technology Trainer	\$91.09	\$93.82	\$96.63	\$99.53	\$102.52	Cont
874-4	Senior Virtual Reality Modeler	\$113.43	\$116.83	\$120.33	\$123.94	\$127.66	Cont
874-4	Virtual Reality Modeler	\$94.17	\$97.00	\$99.91	\$102.91	\$106.00	Cont
874-4	Database Administrator	\$81.09	\$83.52	\$86.03	\$88.61	\$91.27	Cont

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874-4	Principal Functional Area Expert	\$122.66	\$126.34	\$130.13	\$134.03	\$138.05	Cont
874-4	Word Processor/Graphics	\$49.45	\$50.93	\$52.46	\$54.03	\$55.65	Cont
874-6,-7	Administrative Support Specialist	N/A	N/A	N/A	N/A	N/A	Cont
874-6,-7	Senior Administrative Support Specialist	N/A	N/A	N/A	N/A	N/A	Cont
874-6,-7	Principle Budget Analyst	N/A	N/A	N/A	N/A	N/A	Cont
874-6,-7	Senior Budget Analyst	N/A	N/A	N/A	N/A	N/A	Cont
874-6,-7	Technical Writer, Executive/Scientist	\$68.73	\$70.79	\$72.91	\$75.10	\$77.35	Cont
874-1	Program Manager	\$144.84	\$149.19	\$153.67	\$158.28	\$163.03	Cont
874-1	Applications Developer Master	\$102.53	\$105.61	\$108.78	\$112.04	\$115.40	Cont
874-1	Information Assurance/Security Specialist Master	\$110.99	\$114.32	\$117.75	\$121.28	\$124.92	Cont
874-1	Training Specialist Journeyman	\$64.41	\$66.34	\$68.33	\$70.38	\$72.49	Cont
874-1	Applications Systems Analyst Journeyman	\$70.85	\$72.98	\$75.17	\$77.43	\$79.75	Cont
874-1	Voice/Data Engineer Senior	\$87.98	\$90.62	\$93.34	\$96.14	\$99.02	Cont
874-1	Voice/Data Engineer Journeyman	\$73.47	\$75.67	\$77.94	\$80.28	\$82.69	Cont
874-1	Applications Systems Analyst Senior	\$86.42	\$89.01	\$91.68	\$94.43	\$97.26	Cont
874-1	Database Specialist Senior	\$74.69	\$76.93	\$79.24	\$81.62	\$84.07	Cont
874-1	Applications Developer Journeyman	\$78.34	\$80.69	\$83.11	\$85.60	\$88.17	Cont
874-1	Information Assurance/Security Specialist Journeyman	\$71.88	\$74.04	\$76.26	\$78.55	\$80.91	Cont
874-1	Quality Assurance Specialist, Master	\$98.88	\$101.85	\$104.91	\$108.06	\$111.30	Cont
874-1	Subject Matter Expert, Senior	\$103.84	\$106.96	\$110.17	\$113.48	\$116.88	Cont
874-1	Subject Matter Expert, Master	\$113.63	\$117.04	\$120.55	\$124.17	\$127.90	Cont
874-1	Hardware Engineer Senior	\$109.63	\$112.92	\$116.31	\$119.80	\$123.39	Cont
874-1	Computer Scientist	\$142.10	\$146.36	\$150.75	\$155.27	\$159.93	Cont
874-1	Information Specialist Knowledge Engineer	\$134.27	\$138.30	\$142.45	\$146.72	\$151.12	Cont
874-1	Project Manager	\$123.87	\$127.59	\$131.42	\$135.36	\$139.42	Cont
874-1	Consultant Senior	\$97.32	\$100.24	\$103.25	\$106.35	\$109.54	Cont
874-1	Engineer	\$104.32	\$107.45	\$110.67	\$113.99	\$117.41	Cont
874-1	Virtual Reality Model	\$86.86	\$89.47	\$92.15	\$94.91	\$97.76	Cont
874-1	Technical Trainer	\$84.02	\$86.54	\$89.14	\$91.81	\$94.56	Cont

Labor Category Descriptions

<p>Labor Category: Program Manager</p>
<p><u>Functional Responsibilities:</u> Serves as the contractor's single contract manager, and shall be the contractor's authorized interface with the Government Contracting Officer (CO), the contract level Contracting Officer's Representative (COR), government management personnel and customer agency representatives. Responsible for formulating and enforcing work standards, assigning contractor schedules, reviewing work discrepancies, supervising contractor personnel and communicating policies, purposes, and goals of the organization to subordinates. Shall be responsible for the overall contract performance and shall not serve in any other capacity under this contract. Specialized experience includes: complete engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in the tasks similar to the representative scenarios provided in the RFP, proven expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts of this type and complexity. General experience includes increasing responsibilities in information systems design and management.</p>
<p><u>Minimum Educational and Experience Requirements:</u> Ph.D. and eight years applicable experience, or Masters Degree and ten years applicable experience, or Bachelor's Degree with twelve years applicable experience of which should include seven years specialized experience.</p>
<p>Labor Category: Project Manager</p>
<p><u>Functional Responsibilities:</u> Serves as the project manager for a large, complex task order (or a group of task orders affecting the same common/standard/migration system) and shall assist the Program Manager in working with the Government Contracting Officer (CO), the contract-level Contracting Officer's Representative (COR), the task order-level COR(s), government management personnel and customer agency representatives. Under the guidance of the Program Manager, responsible for the overall management of the specific task order(s) and insuring that the technical solutions and schedules in the task order are implemented in a timely manner. Performs enterprise wide horizontal integration planning and interfaces to other functional systems. Specialized experience includes: complete engineering project development from inception to deployment, demonstrated ability to provide guidance and direction in the tasks similar to the representative scenarios provided in the RFP, proven expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts of this type and complexity. General experience includes increasing responsibilities in information systems design and management.</p>
<p><u>Minimum Educational and Experience Requirements:</u> Ph.D. and eight years applicable experience, or Masters Degree and ten years applicable experience, or Bachelor's Degree with twelve years applicable experience of which should include seven years specialized experience.</p>

Labor Category:

Principal Computer Scientist

Functional Responsibilities:

Must have detailed knowledge of modern software development processes, to include object-oriented development and use of tools, and how to apply them to software application program development. Must be capable of providing detailed technical support for software development programs with minimal management supervision. Must be capable of translating operational requirements into detailed software/system requirements. Must be capable of integrating COTS products into software/system architectures. Must be able to rapidly understand the use of tools and technologies and integrate them into existing products and processes. Must have knowledge of distributed systems, and issues regarding database replication and distribution for distributed systems. Must be capable of providing technical direction to design and development teams, and monitoring progress and productivity through the use of metrics. Additionally, must have a general understanding of communications protocols, and be able to quickly understand the Joint Technical Architecture guidelines. Must have excellent interpersonal skills, to include the ability to work on multi-functional teams, as well as proven verbal and written communications skills.

Minimum Educational and Experience Requirements:

Ph.D. and eight years applicable experience, or Masters Degree and ten years applicable experience, or Bachelor's Degree with twelve years applicable experience of which should include seven years specialized experience.

Labor Category:

Senior Systems Engineer

Functional Responsibilities:

Plan project coordination, management and engineering. Provides comprehensive definition of all aspects of system development from analysis of mission needs to verification of system performance. Performs evaluation of alternatives and assessment of risks and costs. Applies an enterprise-wide set of disciplines for the planning, analysis, design and construction of information systems on an enterprise-wide basis or across a major sector of the enterprise. Develops analytical and conceptual techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools, such as Integrated Computer-Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. Has experience with such methodologies as IDEF O process modeling and IDEF IX data modeling. Provides technical guidance in software engineering techniques and automated support tools.

Minimum Educational and Experience Requirements:

Masters Degree and six years applicable experience, or Bachelors Degree and eight years applicable experience, which should include five years specialized experience, or fifteen years applicable experience, which should include nine years specialized experience, can be substituted for a Bachelors Degree.

Labor Category:

Engineer

Functional Responsibilities:

Provides technical solutions for routine and complex engineering studies, problems and tasks. Performs evaluation of alternatives and assessment of risks and costs. Plan project coordination, management and engineering. Develops analytical and conceptual techniques and methodology for problem solutions. Performs enterprise-wide strategic systems planning, business information planning, business and analysis. Performs process and data modeling in support of the planning and analysis efforts using both manual and

automated tools, such as Integrated Computer-Aided Software Engineering (I-CASE) tools. Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents. Has experience with such methodologies as IDEF O process modeling and IDEF IX data modeling. Provides technical guidance in software engineering techniques and automated support tools. Specialized experience in one of the following: communications software, communications hardware or network specialty. General experience includes all aspects of communication networks. Must demonstrate the ability to work independently or under only general direction.

Minimum Educational and Experience Requirements:

Bachelors Degree and four years related experience, or eight years applicable experience which should include five years specialized experience, can be substituted for a Bachelors Degree.

Labor Category:

Senior Consultant

Functional Responsibilities:

Provides technical and administrative direction for personnel performing network development tasks, including the review of work products for correctness, adherence to the design concept and to user standards. Possess experience sufficient scope and depth to be able to independently assimilate and gather data pertinent to network systems, organize and present data orally and in writing in a thoroughly comprehensible and logical manner. Must have proven experience in the specified subject matter field or discipline and have excellent analytical, oral, and written communications skills. These skills include, but are not limited to, the following specialties: telecommunications, wide area networks, local area networks, information systems, and systems architecture. Languages (particularly e.g. C and Ada), Operating Systems (e.g. MS DOS, UNIX, POSIX, VM, DOS-VSE, Windows NT, and MVS), Database Management Systems, Automation Security Systems, Decision Support Systems), Artificial Intelligence Systems, Communications Protocols, Electronic Mail, Video Teleconferencing. Effectively integrate workforce and information technology, including cultural change management.

Minimum Educational and Experience Requirements:

Masters Degree and six years applicable experience, or Bachelors Degree and eight years applicable experience, which should include five years specialized experience, or fifteen years applicable experience, which should include nine years specialized experience, can be substituted for a Bachelors Degree.

Labor Category:

Senior Application Systems Analyst/Programmer

Functional Responsibilities:

Formulates and defines system scope and objectives. Prepares detailed specifications for programs. Designs, codes, tests, debug and documents programs. Works at the highest technical level of all phases of applications, systems analysis and programming activities. Provides guidance and training to less experienced analysts/programmers. Substantial knowledge useful in managing large, complex AIS projects, is closely related to the work to be automated, and/or in a computer science, information system, a physical science, engineering or a mathematics - intensive discipline, or an applicable training certificate from an accredited training institution.

Minimum Educational and Experience Requirements:

Masters Degree and six years applicable experience, or Bachelors Degree and eight years applicable experience, which should include five years specialized experience, or twelve years applicable experience, which should include seven years specialized experience, can be substituted for a Bachelors Degree.

Labor Category: Technology Trainer
<u>Functional Responsibilities:</u> Responsibilities include, but are not limited to, developing and conducting courses with prepared or developed instructional materials to educate technical and non-technical personnel as well as gathering and assimilating information on subject matter; organizing and condensing material and preparing course outlines, handouts and visual aids. Organizes, prepares and conducts complex training and educational programs for information systems or user personnel. Designs and develops training programs. Records training activities and program effectiveness.
<u>Minimum Educational and Experience Requirements:</u> Bachelors Degree and four years related experience, or eight years applicable experience which should include five years specialized experience, can be substituted for a Bachelors Degree.
Labor Category: Senior Virtual Reality Modeler
<u>Functional Responsibilities:</u> Prepares drawings of unique, complex or original designs that require a high degree of precision; performs unusually difficult assignments requiring considerable initiative, resourcefulness, and modeling expertise. Assures that anticipated problems in simulation, training development, and operation are resolved by the drawing produced. Exercises independent judgment in selecting and interpreting data based on knowledge of the systems intent. Ability to translate photographic and printed materials into full 3-D models. Position requires modeling of military and civilian hardware and environments using 3D CAD/CAE packages and/or modeling packages. Will develop decimated variants of high fidelity models that are reconfigurable to various levels of detail, resolution and materials to support various analysis applications and visual simulations. Will develop high quality texture maps from photographs of the actual hardware and their operating environments and map to low fidelity model variants. Shall provide all necessary guidance to lower-level modelers for resolution of all problems.
<u>Minimum Educational and Experience Requirements:</u> Masters Degree and six years applicable experience, or Bachelors Degree and eight years applicable experience, which should include five years specialized experience, or fifteen years applicable experience, which should include nine years specialized experience, can be substituted for a Bachelors Degree.
Labor Category: Virtual Reality Modeler
<u>Functional Responsibilities:</u> Prepares drawings of unique, complex or original designs that require a high degree of precision; performs unusually difficult assignments requiring considerable initiative, resourcefulness, and modeling expertise. Assures that anticipated problems in simulation, training development, and operation are resolved by the drawing produced. Exercises independent judgment in selecting and interpreting data based on knowledge of the systems intent. Ability to translate photographic and printed materials into full 3-D models. Position requires modeling of military and civilian hardware and environments using 3D CAD/CAE packages and/or modeling packages. Will develop decimated variants of high fidelity models that are reconfigurable to various levels of detail, resolution and materials to support various analysis applications and visual simulations. Will develop high quality texture maps from photographs of the actual hardware and their operating environments and map to low fidelity model variants.

Minimum Educational and Experience Requirements:

Bachelors Degree and four years related experience, or eight years applicable experience which should include five years specialized experience, can be substituted for a Bachelors Degree.

Labor Category:

Database Administrator

Functional Responsibilities:

Responsible for all activities related to the administration of computerized databases. Assign personnel to various projects and direct their activities; review and evaluate their work and prepare performance reports. Confer with and advise subordinates on administrative policies and procedures, technical problems, priorities and methods. Consult with and advise users of the various databases. Project long-range requirements for database administration and design in conjunction with other managers in the information systems function. Prepare activity and progress reports regarding the database management section. Ability to lead and direct efforts of staff, excellent problem solving skills, ability to communicate effectively.

Minimum Educational and Experience Requirements:

Bachelors Degree and four years applicable experience, or eight years applicable experience which should include five years specialized experience, can be substituted for a Bachelors Degree.

Labor Category:

Principal Functional Area Expert

Functional Responsibilities:

Recognized for strong expertise in industry issues and trends. Utilizes functional area expertise gained through direct industry experience to assess the operational and functional baseline of an organization and its organizational components. Works with senior managers and executives to provide industry vision and strategic direction with regard to their enterprise. Guides the determination of information technology inadequacies and/or deficiencies that affect the functional area's ability to support/meet organizational goals. Generates functional area strategies for enhanced IT operations in a cross-functional area mode throughout the organization. Participates in account strategy sessions, strategic assessments and design reviews to validate enterprise approach and associated work products. Provides guidance and direction to other professionals, acts in a consulting and/or advisory capacity; coordinates resolution of highly complex problems and tasks, possesses ability to meet and operate under deadlines.

Minimum Educational and Experience Requirements:

Ph.D. and eight years applicable experience, or Masters Degree and ten years applicable experience, or Bachelor's Degree with twelve years applicable experience of which should include seven years specialized experience.

Labor Category:

Word Processor/Graphics

Functional Responsibilities:

Ability to create professional-quality reports and associated materials, the operation and manipulation of standard office automation products and proofreading text and graphics to isolate and correct all forms of errors.

Minimum Educational and Experience Requirements:

A high school diploma and demonstrated proficiency in the full range of office automation systems.

Labor Category: Administrative Support Specialist
<u>Functional Responsibilities:</u> Directly supports Program Manager or Project Manager by maintaining personnel and other files; prepares correspondence, schedules and coordinates travel. Assists in the preparation of presentation graphics and supports the development of contract deliverables and reports by developing and updating graphic presentations to improve the quality and enhance the usability of the documents. Responsible for integrating the graphics generated with automated tools and the deliverable documents.
<u>Minimum Educational and Experience Requirements:</u> A high school diploma and a minimum of two years experience in the office administration and developing reports/graphics.
Labor Category: Senior Administrative Support Specialist
<u>Functional Responsibilities:</u> Responsible for the management and the performance of several Administrative Support personnel and numerous administrative support requirements concurrently. Directly supports Program Manager or Project Manager by maintaining personnel and other files; prepares correspondence, schedules and coordinates travel. Assists in the preparation of presentation graphics and supports the development of contract deliverables and reports by developing and updating graphic presentations to improve the quality and enhance the usability of the documents. Responsible for integrating the graphics generated with automated tools and the deliverable documents.
<u>Minimum Educational and Experience Requirements:</u> A high school diploma and a minimum of four years experience in the office administration and developing reports/graphics. Demonstrated ability to manage multiple personnel and tasking concurrently.
Labor Category: Principal Budget Analyst
<u>Functional Responsibilities:</u> Works in concert to systematically integrate business, cost estimating and financial management processes to ensure the efficient stewardship of public funds. Responsible for formulation of strategic financial plans, preparing cost estimates and correlation of financial requirements into executable budgets. Responsible for assessment of products and or procedures for compliance with government standards, accounting principles, internal controls, and multi-tiered system application standards. Manages completion of work within the time frame specified by the government, ensuring that all financial requirements are met. Prepares milestone status reports and presentations for colleagues, subordinates, and end user representatives.
<u>Minimum Educational and Experience Requirements:</u> Ph.D. and eight years applicable experience, or Masters Degree and ten years applicable experience, or Bachelor's Degree with twelve years applicable experience of which should include eight years specialized experience.
Labor Category: Senior Budget Analyst
<u>Functional Responsibilities:</u> Provides support to technical analyses. Provides cost estimating, life-cycle costing, and cost benefit analyses in support of acquisition programs and other analyses. Supports the development and analysis of logistics support and information technology alternatives. Assists in the development of capital plans for major

acquisitions. Support business process reengineering studies through the development of baseline cost models and "to be" cost models. Performs "should-cost" analysis and trade studies related to cost trade-off options for major systems development or procurement. Prepares acquisition milestone program documentation to support milestone decisions. Prepares budget submissions in support of major acquisition programs. Monitors program funding and expenditures. Performs day-to-day management of assigned task order projects in the acquisition area. Organizes, directs, and supervises other project personnel in the execution of task order activities.

Minimum Educational and Experience Requirements:

Masters Degree and six years applicable experience, or Bachelors Degree and eight years applicable experience, or fifteen years applicable experience, which should include ten years specialized experience.

Labor Category:

Technical Writer, Executive/Scientist

Functional Responsibilities:

Supervises in the collection and organization of information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Supervises and assists in editing functional descriptions, system specifications, and user's manuals. Prepares special reports or any other customer deliverables and documents. Manages completion of work within the time frame specified by the government, ensuring that all technical requirements are met. Prepares milestone status reports and presentations for colleagues, subordinates, and end user representatives. Specialized experience includes demonstrated expertise in editing technical documents.

Minimum Educational and Experience Requirements:

Ph.D. and eight years applicable experience, or Masters Degree and ten years applicable experience, or Bachelor's Degree with twelve years applicable experience of which should include eight years specialized experience.

Labor Category:

Program Manager

Functional Responsibilities:

- (a) Organizes, directs, and manages contract operation support functions, involving multiple, complex and inter-related project tasks.
- (b) Manages teams of contract support personnel at multiple locations.
- (c) Maintains and manages the client interface at the senior levels of the client organization.
- (d) Meets with customer and contractor personnel to formulate and review task plans and deliverable items. Ensures conformance with program task schedules and costs.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work

Labor Category:

Applications Developer Master

Functional Responsibilities:

- (a) Designs, develops, enhances, debugs, and implements software. Troubleshoots production problems related to software applications.
- (b) Researches, tests, builds, and coordinates the conversion and/or integration of new products based on client requirements. Designs and develops new software products or major enhancements to existing software.

- (c) Addresses problems of systems integration, compatibility, and multiple platforms.
- (d) Consults with project teams and end users to identify application requirements.
- (e) Performs feasibility analysis on potential future projects to management.
- (f) Assists in the evaluation and recommendation of application software packages, application integration and testing tools.
- (g) Resolves problems with software and responds to suggestions for improvements and enhancements.
- (h) Acts as team leader on projects.
- (i) Instructs, assigns, directs, and checks the work of other software developers on development team.
- (j) Participates in development of software user manuals.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work.

Labor Category:

Information Assurance/Security Specialist Master

Functional Responsibilities:

- (a) Determines enterprise information assurance and security standards.
- (b) Develops and implements information assurance/security standards and procedures.
- (c) Coordinates, develops, and evaluates security programs for an organization. Recommends information assurance/security solutions to support customers' requirements.
- (d) Identifies, reports, and resolves security violations.
- (e) Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands.
- (f) Supports customers at the highest levels in the development and implementation of doctrine and policies.
- (g) Applies know-how to government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures.
- (h) Performs analysis, design, and development of security features for system architectures.
- (i) Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers.
- (j) Designs, develops, engineers, and implements solutions that meet security requirements.
- (k) Provides integration and implementation of the computer system security solution.
- (l) Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems.
- (m) Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.
- (n) Ensures that all information systems are functional and secure.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work.

Labor Category:

Training Specialist Journeyman

Functional Responsibilities:

- (a) Assesses, designs, and conceptualizes training scenarios, approaches, objectives, plans, tools, aids, curriculums, and other state of the art technologies related to training and behavioral studies.
- (b) Identifies the best approach training requirements to include, but not limited to hardware, software, simulations, course assessment and refreshment, assessment centers, oral examinations, interviews, computer assisted and adaptive testing, behavior-based assessment and performance, and team and unit

assessment and measurement.

(c) Develops and revises training courses. Prepares training catalogs and course materials.

(d) Trains personnel by conducting formal classroom courses, workshops, and seminars.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience or 6 yrs experience in related Field of work.

Labor Category:

Applications Systems Analyst Journeyman

Functional Responsibilities:

(a) Formulates/defines system scope and objectives.

(b) Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time, and form of desired results.

(c) Prepares detailed specifications for programs. Assists in the design, development, testing, implementation, and documentation of new software and enhancements of existing applications.

(d) Works with project managers, developers, and end users to ensure application designs meet business requirements.

(e) Formulates/defines specifications for complex operating software programming applications or modifies/maintains complex existing applications using engineering releases and utilities from the manufacturer.

(f) Designs, codes, tests, debugs, and documents those programs.

(g) Provides overall operating system, such as sophisticated file maintenance routines, large telecommunications networks, computer accounting, and advanced mathematical/scientific software packages.

(h) Assists all phases of software systems programming applications.

(i) Evaluates new and existing software products.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience or 6 yrs experience in related Field of work.

Labor Category:

Voice/Data Engineer Senior

Functional Responsibilities:

(a) Provides technical direction and engineering knowledge for communications activities including planning, designing, developing, testing, installing and maintaining large communications networks.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 4 yrs experience.

Labor Category:

Voice/Data Engineer Journeyman

Functional Responsibilities:

(a) Provides technical direction and engineering knowledge for communications activities including planning, designing, developing, testing, installing and maintaining large communications networks.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience.

Labor Category

Applications Systems Analyst Senior
<u>Functional Responsibilities:</u> (a) Formulates/defines system scope and objectives. (b) Devises or modifies procedures to solve complex problems considering computer equipment capacity and limitations, operating time, and form of desired results. (c) Prepares detailed specifications for programs. Assists in the design, development, testing, implementation, and documentation of new software and enhancements of existing applications. (d) Works with project managers, developers, and end users to ensure application designs meet business requirements. (e) Formulates/defines specifications for complex operating software programming applications or modifies/maintains complex existing applications using engineering releases and utilities from the manufacturer. (f) Designs, codes, tests, debugs, and documents those programs. (g) Provides overall operating system, such as sophisticated file maintenance routines, large telecommunications networks, computer accounting, and advanced mathematical/scientific software packages. (h) Assists all phases of software systems programming applications. (i) Evaluates new and existing software products.
<u>Minimum Education and Experience Requirements:</u> Bachelors Degree w/ 4 yrs experience or 8 yrs experience in related Field of work.
Labor Category:
Database Specialist Senior
<u>Functional Responsibilities:</u> (a) Provides all activities related to the administration of computerized databases. (b) Projects long-range requirements for database administration and design in conjunction with other managers in the information systems function. (c) Designs, creates, and maintains databases in a client/server environment. (d) Conducts quality control and auditing of databases in a client/server environment to ensure accurate and appropriate use of data. (e) Advises users on access to various client/server databases. (f) Designs, implements, and maintains complex databases with respect to JCL, access methods, access time, device allocation, validation checks, organization, protection and security, documentation, and statistical methods. (g) Applies knowledge and experience with database technologies, development methodologies, and front-end (e.g., COGNOS)/back-end programming languages (e.g., SQL). Performs database programming and supports systems design. (h) Includes maintenance of database dictionaries, overall monitoring of standards and procedures, file design and storage, and integration of systems through database design.
<u>Minimum Education and Experience Requirements:</u> Bachelors Degree w/ 4 yrs experience or 8 yrs experience in related Field of work.
Labor Category:
Applications Developer Journeyman
<u>Functional Responsibilities:</u> (a) Designs, develops, enhances, debugs, and implements software. Troubleshoots production problems related to software applications.

- (b) Researches, tests, builds, and coordinates the conversion and/or integration of new products based on client requirements. Designs and develops new software products or major enhancements to existing software.
- (c) Addresses problems of systems integration, compatibility, and multiple platforms.
- (d) Consults with project teams and end users to identify application requirements.
- (e) Performs feasibility analysis on potential future projects to management.
- (f) Assists in the evaluation and recommendation of application software packages, application integration and testing tools.
- (g) Resolves problems with software and responds to suggestions for improvements and enhancements.
- (h) Acts as team leader on projects.
- (i) Instructs, assigns, directs, and checks the work of other software developers on development team.
- (j) Participates in development of software user manuals.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience or 6 yrs experience in related Field of work.

Labor Category:

Information Assurance/Security Specialist Journeyman

Functional Responsibilities:

- (a) Determines enterprise information assurance and security standards.
- (b) Develops and implements information assurance/security standards and procedures.
- (c) Coordinates, develops, and evaluates security programs for an organization. Recommends information assurance/security solutions to support customers' requirements.
- (d) Identifies, reports, and resolves security violations.
- (e) Establishes and satisfies information assurance and security requirements based upon the analysis of user, policy, regulatory, and resource demands.
- (f) Supports customers at the highest levels in the development and implementation of doctrine and policies.
- (g) Applies know-how to government and commercial common user systems, as well as to dedicated special purpose systems requiring specialized security features and procedures.
- (h) Performs analysis, design, and development of security features for system architectures.
- (i) Analyzes and defines security requirements for computer systems which may include mainframes, workstations, and personal computers.
- (j) Designs, develops, engineers, and implements solutions that meet security requirements.
- (k) Provides integration and implementation of the computer system security solution.
- (l) Analyzes general information assurance-related technical problems and provides basic engineering and technical support in solving these problems.
- (m) Performs vulnerability/risk analyses of computer systems and applications during all phases of the system development life cycle.
- (n) Ensures that all information systems are functional and secure.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience or 6 yrs experience in related Field of work.

Labor Category:

Quality Assurance Specialist Master

Functional Responsibilities:

- (a) Provides development of project Software Quality Assurance Plan and the implementation of procedures that conforms to the requirements of the contract.
- (b) Provides an independent assessment of how the project's software development process is being

implemented relative to the defined process and recommends methods to optimize the organization's process.

(c) May be responsible for all activities involving quality assurance and compliance with applicable regulatory requirements.

(d) Conducts audits and reviews/analyzes data and documentation.

(e) Develops and implements procedures and test plans for assuring quality in a system development environment which supports large databases and applications.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work.

Labor Category:

Subject Matter Expert Senior

Functional Responsibilities:

(a) Serves as subject matter expert, possessing in-depth knowledge of a particular area, such as business, computer science, engineering, mathematics, or the various sciences.

(b) Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation.

(c) Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases.

(d) Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 4 yrs experience or 10 yrs experience in related Field of work.

Labor Category:

Subject Matter Expert Master

Functional Responsibilities:

(a) Serves as subject matter expert, possessing in-depth knowledge of a particular area, such as business, computer science, engineering, mathematics, or the various sciences.

(b) Provides technical knowledge and analysis of highly specialized applications and operational environments, high-level functional systems analysis, design, integration, documentation and implementation advice on exceptionally complex problems that need extensive knowledge of the subject matter for effective implementation.

(c) Participates as needed in all phases of software development with emphasis on the planning, analysis, testing, integration, documentation, and presentation phases.

(d) Applies principles, methods and knowledge of the functional area of capability to specific task order requirements, advanced mathematical principles and methods to exceptionally difficult and narrowly defined technical problems in engineering and other scientific applications to arrive at automated solutions.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work.

Labor Category:

Hardware Engineer Senior
<u>Functional Responsibilities:</u> (a) Provides analysis related to the design, development, and implementation of hardware for products. (b) Develops test strategies, devices, and systems. (c) Performs stress and performance tests on a variety of computer hardware including circuit boards, processors and wiring.
<u>Minimum Education and Experience Requirements:</u> Bachelors Degree w/ 4 yrs experience .
Labor Category:
Computer Scientist
<u>Functional Responsibilities:</u> (a) Acts as a senior consultant in complex or mission critical client requirements. (b) Develops, modifies, and applies computer modeling and programming applications to analyze and solve mathematical and scientific problems affecting system and program performance. (c) Participates in all phases of scientific and engineering projects such as research, design, development, testing, modeling, simulating, training, and documentation.
<u>Minimum Education and Experience Requirements:</u> Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work.
Labor Category:
Information Specialist Knowledge Engineer
<u>Functional Responsibilities:</u> (a) Develops information retrieval solutions to support client requirements for specified domain subjects, using information retrieval software languages and automated text analysis and extraction techniques
<u>Minimum Education and Experience Requirements:</u> Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work.
Labor Category:
Project Manager
<u>Functional Responsibilities:</u> (a) Leads team on large projects or significant segment of large complex projects. (b) Analyzes new and complex project related problems and creates innovative solutions involving finance, scheduling, technology, methodology, tools, and solution components. (c) Provides applications systems analysis and programming activities for a Government site, facility or multiple locations. (d) Prepares long and short-range plans for application selection, systems development, systems maintenance, and production activities and for necessary support resources. (e) Oversees all aspects of projects.
<u>Minimum Education and Experience Requirements:</u> Bachelors Degree w/ 6 yrs experience or 10 yrs experience in related Field of work.
Labor Category:

Consultant Senior

Functional Responsibilities:

- (a) Provides technical and administrative direction for personnel performing network development tasks, including the review of work products for correctness, adherence to the design concept and to user standards.
- (b) Possess experience sufficient scope and depth to be able to independently assimilate and gather data pertinent to network systems, organize and present data orally and in writing in a thoroughly comprehensible and logical manner.
- (c) Must have proven experience in the specified subject matter field or discipline and have excellent analytical, oral, and written communications skills. These skills include, but are not limited to, the following specialties: telecommunications, wide area networks, local area networks, information systems, and systems architecture. Languages (particularly e.g. C and Ada), Operating Systems (e.g. MS DOS, UNIX, POSIX, VM, DOS-VSE, Windows NT, and MVS), Database Management Systems, Automation Security Systems, Decision Support Systems), Artificial Intelligence Systems, Communications Protocols, Electronic Mail, Video Teleconferencing. Effectively integrate workforce and information technology, including cultural change management.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 4 yrs experience or 8 yrs experience in related Field of work.

Labor Category:

Engineer

Functional Responsibilities:

- (a) Provides technical solutions for routine and complex engineering studies, problems and tasks.
- (b) Performs evaluation of alternatives and assessment of risks and costs. Plan project coordination, management and engineering.
- (c) Develops analytical and conceptual techniques and methodology for problem solutions.
- (d) Performs enterprise-wide strategic systems planning, business information planning, business and analysis.
- (e) Performs process and data modeling in support of the planning and analysis efforts using both manual and automated tools, such as Integrated Computer-Aided Software Engineering (I-CASE) tools.
- (f) Applies reverse engineering and re-engineering disciplines to develop migration strategic and planning documents.
- (f) Has experience with such methodologies as IDEF O process modeling and IDEF IX data modeling. Provides technical guidance in software engineering techniques and automated support tools.
- (g) Specialized experience in one of the following:
communications software, communications hardware or network specialty. General experience includes all aspects of communication networks.
- (f) Must demonstrate the ability to work independently or under only general direction.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience.

Labor Category:

Virtual Reality Modeler

Functional Responsibilities:

- (a) Prepares drawings of unique, complex or original designs that require a high degree of precision; performs unusually difficult assignments requiring considerable initiative, resourcefulness, and modeling expertise.

- (b) Assures that anticipated problems in simulation, training development, and operation are resolved by the drawing produced.
- (c) Exercises independent judgment in selecting and interpreting data based on knowledge of the systems intent.
- (d) Ability to translate photographic and printed materials into full 3-D models.
- (f) Position requires modeling of military and civilian hardware and environments using 3D CAD/CAE packages and/or modeling packages.
- (g) Will develop decimated variants of high fidelity models that are reconfigurable to various levels of detail, resolution and materials to support various analysis applications and visual simulations.
- (h) Will develop high quality texture maps from photographs of the actual hardware and their operating environments and map to low fidelity model variants.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience or 6 yrs experience in related Field of work.

Labor Category:

Tech Trainer

Functional Responsibilities:

- (a) Responsibilities include, but are not limited to, developing and conducting courses with prepared or developed instructional materials to educate technical and non-technical personnel as well as gathering and assimilating information on subject matter; organizing and condensing material and preparing course outlines, handouts and visual aids.
- (b) Organizes, prepares and conducts complex training and educational programs for information systems or user personnel.
- (c) Designs and develops training programs. Records training activities and program effectiveness.

Minimum Education and Experience Requirements:

Bachelors Degree w/ 2 yrs experience or 6 yrs experience in related Field of work.