



GSA Advantage, MOBIS

Schedule 874 SIN(S)

Authorized Federal Supply Schedule Price List

874-1 (Integrated Consulting Services)

874-4 (Instructor-Led Training and Course Development & Test Administration)

874-7 (Integrated Business Program Support Services)

874-9 (Off-the-Shelf Training Devices and Training Materials: Print, Electronic, Audio-Visual, Multi-Media, and Simulation Training Devices)

1777 NE Loop 410, Suite 1009
San Antonio, TX 78217
210.451.5100

FSC Class: 6930
Contract Number: GS-02F-0095R
Contract Period: 03/10/10 –
03/10/15

F 210.451.5102

URL: www.genconcepts.com

Email: gregory.hudson@genconcepts.com

Business Size: 8(a), SDVOSB

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!*:

www.GSAAdvantage.gov



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1. CUSTOMER INFORMATION

The following provides ordering agencies with the necessary information for the placement orders against our Federal Supply Schedule. The information is provided in accordance with the format called out Federal Supply Service Clause I-FSS-600 (see attached list).

1. Items awarded:

SIN 874-1 Integrated Consulting Services

SIN 874-4 Instructor-Led Training and Course Development & Test Administration

SIN 874-7 Integrated Business Program Support Services

SIN 874-9 Off-the-Shelf Training Devices and Training Materials: Print, Electronic, Audio-Visual, Multi-Media, and Simulation Training Devices

2. Maximum order:

- \$1,000,000

3. Minimum order

- \$100

4. Geographic coverage:

- CONUS & OCONUS

5. Points of production

- San Antonio, TX 78217

6. Discount from list prices

Actual discount will be negotiated with the ordering agency and will be based upon the delivery order statement of work.

7. Quantity discounts

A discount may be given on all labor rates provided herein if multiple awards are received from the same ordering agency during a one year period. The amount of discount will at least 3% with the ordering agency and will be based upon the agency meeting or exceeding a \$700,000.00 threshold in one year.

8. Prompt payment terms

- Net 30 days

9. Acceptance of Government purchase cards above and below the micro-purchase threshold

- Government purchase cards are accepted at all levels.

10. Foreign items

- Not applicable.

11. Time of delivery

- Negotiated with schedule customer

11b. Expedited delivery

- Negotiated with schedule customer

11c. Overnight and second day delivery

- Negotiated with schedule customer
-

11d. Urgent Requirements

- Negotiated with schedule customers

12. F.O.B. Points

- Destination

13. Ordering Address

Genesis Concepts & Consultants, LLC
Attn: Gregory Hudson
1777 N.E. Loop 410, Suite 1009
San Antonio, TX 78217
Phone: 210-451-5101
Fax: 210-452-5102
Email: gregory.hudson@genconcepts.com

14. Payment Address

Genesis Concepts & Consultants, LLC
Attn: Shari Hudson
1777 N.E. Loop 410, Suite 1009
San Antonio, TX 78217
Phone: 210-451-5101
Fax: 210-452-5102
Email: shari.hudson@genconcepts.com

15. Warranty Provision

1 Year Parts and Labor on Gaumard Products.

16. Export Packaging Charges

- Not applicable

17. Terms and conditions of Government Purchase Card acceptance

- None

18. Terms and conditions of rental, maintenance, and repair

- Not applicable

19. Terms and conditions of installation

- Not applicable

20. Terms and conditions of repair parts

- Not applicable

20a. Terms and conditions of other services

- The labor rates included in Section 4 herein will be used as a basis to price those efforts defined in the individual delivery orders awarded under this Federal Supply Schedule.
 - The labor rates quoted include the .75% GSA Industrial Funding Fee (IFF) in accordance with Industrial Funding Fee clause 552.238-76. Any travel required in the performance of on-site training or custom eLearning development is to be negotiated with the schedule customer. The travel cost will not include the .75% IFF.
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21. List of service and distribution points

- Not applicable

22. List of participating dealers

- Not applicable

23. List of preventative maintenance

- Not applicable

24. Year 2000 (Y2K) compliant

- Not applicable

25. Environmental attributes

- Not applicable

26. Data Universal Number System (DUNS) number

- **029272973**

27. SAM Registration

- Genesis Concepts & Consultants, LLC is registered in the SAM System

28. Section 508 Compliance

Section 508 compliance information for the supplies and services provided in this contract are available in Electronic and Information Technology (EIT) at the Contractor's website: www.genconcepts.com. The EIT standard can be found at: www.Section508.gov/.

2. ORDERING PROCESS

This section provides an overview of the General Services Administration's (GSA's), Federal Supply Service (FSS) ordering process. FSS offers flexible and easy procedures to allow you to purchase our commercial training services and products at the best possible rates. Since the agency that you report to has specific contracting procedures, your contracting officer will determine how he/she will place a delivery order against our Federal Supply Schedule. Your agency's contracting procedures for ordering against Federal Supply Schedules are based upon Federal Acquisition Regulation, (FAR) 8.4. Under FAR 8.4, the general steps for ordering Genesis Concepts & Consultants, LLC training services and products are:

Orders Under the \$3,000 Micro-purchase Threshold – The order can be placed directly with Genesis Concepts & Consultants, LLC.

Orders Over the \$3,000 Micro-purchase Threshold -Ordering agencies, with one exception, must solicit proposals from at least three FSS contractors and then make a "Best Value" winning contractor determination, based upon the proposals submitted. Approved FSS contractors may be found through GSA Advantage!

Typically, orders exceeding the micro-purchase threshold are processed at Genesis

Concepts & Consultants, LLC in the following manner: The ordering agency communicates work requirements to Genesis Concepts & Consultants, LLC through a formal delivery order request for quote (RFQ). At a minimum the RFQ will include a performance-based statement of the work to be performed, location of work, delivery schedule, applicable standards, and any special requirements (i.e., security clearances, travel, special knowledge, etc.). The RFQ will also include directions for proposal preparation and the “Best Value” evaluation criteria that the contractor’s proposal will be evaluated by. RFQs may require oral presentations to speed up the procurement process. RFQs may be sent via regular mail, facsimile, or email to Genesis Concepts & Consultants, LLC at the ordering address listed in Section 3 of this document or electronically through GSA Advantage.

Genesis Concepts & Consultants, LLC reviews the RFQ, including the work requirements, and prepares a proposal in accordance with RFQ directions, detailing a technical and management approach, addressing the “Best Value” evaluation factors, and providing a price quote. The price quote is based upon the negotiated labor rates included in Section 4 of this document. The price quote will in most cases be firm-fixed price, but in some cases it could be used to establish a ceiling price. A ceiling price is established for those efforts where the ordering agency makes a determination that it is not possible to estimate accurately the extent or duration of the work and associated cost with any degree of confidence. When such a determination is made, a time-and-materials proposal is requested.

3. ABOUT US

Genesis Concepts & Consultants, LLC (GC&C) is a strategy-focused company that designs, develops, and provides products and services to enhance the strategic vision and mission for our customers. GC&C is a Service Disabled Veteran Owned Small Business and 8(a) certified company with its headquarters in The Northwood Tower, San Antonio, Texas only minutes from the San Antonio International Airport. Currently, GC&C is supporting the DoD at various on-site projects on military installations across the nation as well as providing support to OCONUS projects. GC&C has a proven record of performance for the U.S. Army, U.S. Air Force, Veterans Administration, and other federal agencies. GC&C’s experts include former military officers and noncommissioned officers and other subject matter experts with a diverse set of competencies.

Our **Mission** – with the goal of being the first choice Solutions Integrator in its class, Genesis Concepts & Consultants provides Corporate Advisory, Strategic Management, and Program Management Consulting Services to business and government customers throughout America.

Our **Vision** - to emerge as a national first choice solutions integrator by 2016 with the strengths of a large company combined with the leanness and agility of a small company that is driven by a ***culture of integrity, effective leadership, strategic partnerships, and operational excellence for sustained success.***

Our benchmark for client solutions is superior performance with effective quality controls, attention to detail, and cost consciousness to demonstrate quantifiable dependability. Our team has earned high marks for our work and we are committed to continue and improve our record in every aspect of our performance. We take our clients from “where they are today” to “where they can be in the future”. GC&C’s has a deep pool of specialized personnel infrastructure with the organizational capacity to deliver a powerful, ***synergistic*** combination of corporate advisory, strategic management, and program management (training & education, technology, Research & Development, FDA, CBRN, and change management expertise).

4. PRICING

CLIENT SITE PRICING

SIN	Labor Category	2014	2015
874-1	Consultant I	\$94.27	\$97.10
874-1	Consultant II	\$125.06	\$128.81
874-1	Consultant III	\$169.80	\$174.89
874-1	Consultant IV	\$276.62	\$284.92
874-1	Consultant V	\$421.34	\$433.98
874-1	Analyst I	\$63.30	\$65.20
874-1	Analyst II	\$93.79	\$96.61
874-1	Analyst III	\$118.09	\$121.63
874-1	Technical Writer	\$49.70	\$51.19
874-1	Configuration Manager	\$60.73	\$62.55
874-1	Subject Matter Expert - Health Services	\$169.80	\$174.89
874-4	Program Manager	\$137.73	\$141.86
874-4	Sr. Project Manager	\$111.74	\$115.09
874-4	Project Manager II	\$81.09	\$83.52
874-4	Project Manager I	\$69.56	\$71.65
874-4	Senior Project Control Specialist	\$95.70	\$98.57
874-4	Project Control Specialist	\$56.10	\$57.78
874-4	Quality Assurance Manager	\$78.34	\$80.69
874-4	Senior Quality Assurance Analyst	\$64.36	\$66.29
874-4	Quality Assurance Analyst	\$56.52	\$58.21
874-4	Quality Assurance/Testing Specialist II	\$52.59	\$54.17
874-4	Quality Assurance/Testing Specialist I	\$44.06	\$45.38
874-4	Program Administration Specialist	\$32.40	\$33.37
874-4	Senior Functional Analyst	\$83.34	\$85.84
874-4	Senior Subject Matter Expert	\$147.71	\$152.15
874-4	Functional Analyst III	\$74.09	\$76.31
874-4	Subject Matter Expert	\$121.04	\$124.67
874-4	Functional Analyst II	\$68.08	\$70.12
874-4	Subject Matter Specialist	\$104.81	\$107.96
874-4	Functional Analyst I	\$59.71	\$61.50
874-4	Principal Systems Architect	\$114.52	\$117.95
874-4	Principal Internet Systems Architect	\$125.89	\$129.67
874-4	Senior Systems Architect	\$86.26	\$88.85
874-4	Senior Internet Systems Architect	\$88.97	\$91.64
874-4	Internet Systems Architect	\$85.93	\$88.51
874-4	Systems Architect	\$78.60	\$80.96
874-4	Senior Computer Systems Analyst	\$83.08	\$85.57



874-4	Computer Systems Analyst III	\$75.76	\$78.03
874-4	Computer Systems Analyst II	\$69.43	\$71.51
874-4	Computer Systems Analyst I	\$60.96	\$62.79
874-4	Junior Computer Systems Analyst	\$45.63	\$47.00
874-4	Senior Applications Engineer	\$80.75	\$83.18
874-4	Application Engineer III	\$73.33	\$75.53
874-4	Application Engineer II	\$53.64	\$55.25
874-4	Application Engineer I	\$59.19	\$60.97
874-4	Junior Applications Engineer	\$43.63	\$44.94
874-4	Senior Applications Programmer	\$79.53	\$81.91
874-4	Applications Programmer III	\$69.88	\$71.98
874-4	Applications Programmer II	\$59.05	\$60.82
874-4	Applications Programmer I	\$53.00	\$54.59
874-4	Junior Applications Programmer	\$42.37	\$43.64
874-4	Student Applications Programmer	\$34.01	\$35.03
874-4	Senior Data Base Management Specialist	\$79.57	\$81.95
874-4	Data Base Management Specialist III	\$75.77	\$78.04
874-4	Data Base Management Specialist II	\$66.47	\$68.46
874-4	Data Base Management Specialist I	\$58.34	\$60.09
874-4	Data Entry Clerk	\$27.21	\$28.03
874-4	Operations Manager	\$62.19	\$64.06
874-4	Senior Systems Administrator	\$80.65	\$83.07
874-4	Systems Administrator	\$48.15	\$49.60
874-4	Systems Operator	\$32.30	\$33.27
874-4	Senior Technical Training Specialist	\$63.88	\$65.79
874-4	Technical Training Specialist III	\$59.11	\$60.89
874-4	Technical Training Specialist II	\$54.52	\$56.16
874-4	Technical Training Specialist I	\$48.90	\$50.36
874-4	Senior Training Specialist	\$39.13	\$40.30
874-4	Information Center Specialist	\$39.62	\$40.81
874-4	Senior Information Systems Specialist	\$37.27	\$38.39
874-4	Applications Interoperability Task Lead	\$65.29	\$67.25
874-4	Applications Interoperability Specialist	\$37.44	\$38.56
874-4	Help Desk Manager	\$64.09	\$66.01
874-4	Senior Help Desk Specialist	\$59.56	\$61.35
874-4	Help Desk Specialist III	\$51.79	\$53.35
874-4	Help Desk Specialist II	\$45.04	\$46.39
874-4	Help Desk Specialist I	\$39.17	\$40.34
874-4	Senior PC Support Specialist	\$35.72	\$36.79
874-4	PC Support Specialist	\$27.58	\$28.41
874-4	User Support Specialist	\$32.44	\$33.42
874-4	Hardware Specialist	\$41.92	\$43.17
874-4	Senior hardware Installation Technician	\$42.60	\$43.87



874-4	Hardware Installation Technician	\$34.71	\$35.75
874-4	Senior Network Installation Technician	\$49.15	\$50.63
874-4	Network Installation Technician	\$39.76	\$40.96
874-4	Senior Network Engineer	\$108.76	\$112.03
874-4	Tele-medical Network Technician	\$74.67	\$76.91
874-4	Network Technician	\$68.64	\$70.70
874-4	Communications Network Manager	\$61.08	\$62.91
874-4	Communications Specialist	\$56.94	\$58.65
874-4	Senior Telecommunications Analyst	\$70.97	\$73.10
874-4	Telecommunications Analyst	\$53.33	\$54.93
874-4	Senior LAN Analyst	\$52.49	\$54.07
874-4	LAN Analyst	\$32.82	\$33.81
874-4	Senior Documentation Specialist	\$49.31	\$50.79
874-4	Documentation Specialist	\$37.65	\$38.78
874-4	Senior Technical Writer/Editor	\$59.00	\$60.77
874-4	Technical Writer/Editor III	\$53.81	\$55.42
874-4	Technical Writer/Editor II	\$49.17	\$50.65
874-4	Technical Writer/Editor I	\$44.58	\$45.92
874-4	Senior Computer Security Systems Specialist	\$80.17	\$82.58
874-4	Computer Security Systems Specialist II	\$68.14	\$70.19
874-4	Computer Security Systems Specialist I	\$59.28	\$61.06
874-4	Sr. Web Graphics Specialist	\$67.84	\$69.88
874-4	Sr. Admin. Support/Graphics Specialist	\$46.94	\$48.35
874-4	Web Graphics Specialist	\$55.49	\$57.15
874-4	Web Animation Specialist	\$61.17	\$63.01
874-4	Administrative Support/Graphics Specialist	\$29.91	\$30.80
874-4	Administrative Assistant	\$28.93	\$29.80
874-4	Sr. Workshop Coordinator	\$79.38	\$81.76
874-4	Workshop Coordinator II	\$61.01	\$62.84
874-4	Workshop Coordinator I	\$41.08	\$42.31
874-4	Sr. Internet Support Specialist	\$66.74	\$68.74
874-4	Internet Support Specialist	\$55.33	\$56.99
874-4	Internet Support Specialist II	\$46.49	\$47.88
874-4	Internet Support Specialist I	\$35.40	\$36.46
874-4	Groupware Systems Development Task Lead	\$75.12	\$77.38
874-4	Groupware Sr. Systems Developer	\$75.09	\$77.34
874-4	Groupware Systems Developer	\$54.10	\$55.72
874-4	Groupware Senior Systems Administrator	\$75.09	\$77.34
874-4	Groupware Systems Administrator	\$54.10	\$55.72
874-4	Groupware Systems Analyst	\$54.10	\$55.72
874-4	Junior Groupware Administrator	\$44.36	\$45.69
874-4	Junior Groupware Developer	\$44.36	\$45.69
874-4	Certified Groupware Development Task Lead	\$83.80	\$86.31



874-4	Microsoft Application Interoperability Specialist	\$44.35	\$45.68
874-4	Senior Microsoft Certified NT Systems Engineer	\$91.42	\$94.16
874-4	Materials Management Assistant	\$32.39	\$33.36
874-4	Principal Research Analyst	\$120.89	\$124.52
874-4	Senior Research Analyst	\$81.82	\$84.27
874-4	Research Analyst II	\$75.08	\$77.33
874-4	Research Analyst	\$64.79	\$66.73
874-4	Senior Biomedical/Clinical Engineer	\$118.88	\$122.45
874-4	Biomedical/Clinical Engineer	\$98.14	\$101.09
874-4	Healthcare Informatics Engineer	\$101.76	\$104.81
874-4	Radiographic Technologist	\$71.13	\$73.27
874-4	Laboratory/Medical Technologist	\$65.20	\$67.16
874-4	Diagnostic Imaging Physicist	\$159.84	\$164.63
874-4	Clinical Consultant	\$388.40	\$400.05
874-7	Program Manager	\$133.38	\$137.38
874-7	Asst. Program Manager	\$93.13	\$95.92
874-7	IT Project Manager	\$78.53	\$80.88
874-7	Project Planner	\$54.33	\$55.96
874-7	Lead Project Requirements Analyst	\$71.75	\$73.90
874-7	Business Systems Integrator	\$76.12	\$78.40

<u>SIN</u>	<u>Products</u>	<u>FSS Discount</u>
874-9	Reseller of Gaumard Products	2% off of Gaumard Catalogue MSRP Pricing

Gaumard offers more than 200 proprietary products. During the 1990's we introduced interactivity and computer integrated manikins for adult, pediatric and neonatal advanced life support. **Gaumard is one of the largest simulator companies in the world.** In 1999 Gaumard introduced four NOELLE® simulators as part of a worldwide initiative to promote "safe motherhood". The NOELLE® line has now grown to ten (10) simulators. In 2004, Gaumard introduced the first of a family of "tetherless" simulators, which now includes the S3101 and S3000 HAL®, NOELLE®, Susie®, two Pediatric and two Newborn simulators. All are controlled wirelessly, providing true "care in motion". All products and parts are made in the U.S.A. In general, Gaumard's products can be cauterized as follows:

NURSING

- Advanced Patient Care
- Adult Patient Care
- Pediatric and Neonatal Care
- Skills Trainers
- Injection and Infusion Trainers

EMERGENCY

- Advanced Emergency Care
- Military
- Emergency Care
- Multi-code Simulators
- Airway and CPR Trainers

OBSTETRICS

- Childbirth Simulators
- Noelle Birthing Simulators
- Gynecology, ZOE, GYN/AID
- Women's Health

HIV and AIDS

- HIV and AIDS



PRICING CONTINUED

CONTRACTOR SITE PRICING

SIN	Labor Category	2014	2015
874-1	Consultant I	\$111.24	\$114.58
874-1	Consultant II	\$147.57	\$152.00
874-1	Consultant III	\$200.36	\$206.37
874-1	Consultant IV	\$326.41	\$336.21
874-1	Consultant V	\$497.18	\$512.10
874-1	Analyst I	\$74.69	\$76.94
874-1	Analyst II	\$110.67	\$114.00
874-1	Analyst III	\$139.35	\$143.52
874-1	Technical Writer	\$58.65	\$60.40
874-1	Configuration Manager	\$71.66	\$73.81
874-1	Subject Matter Expert - Health Services	\$200.36	\$206.37
874-4	Program Manager	\$162.52	\$167.39
874-4	Sr. Project Manager	\$131.85	\$135.81
874-4	Project Manager II	\$95.69	\$98.55
874-4	Project Manager I	\$82.08	\$84.55
874-4	Senior Project Control Specialist	\$112.93	\$116.31
874-4	Project Control Specialist	\$66.20	\$68.18
874-4	Quality Assurance Manager	\$92.44	\$95.21
874-4	Senior Quality Assurance Analyst	\$75.94	\$78.22
874-4	Quality Assurance Analyst	\$66.69	\$68.69
874-4	Quality Assurance/Testing Specialist II	\$62.06	\$63.92
874-4	Quality Assurance/Testing Specialist I	\$51.99	\$53.55
874-4	Program Administration Specialist	\$38.23	\$39.38
874-4	Senior Functional Analyst	\$98.34	\$101.29
874-4	Senior Subject Matter Expert	\$174.30	\$179.54
874-4	Functional Analyst III	\$87.43	\$90.05
874-4	Subject Matter Expert	\$142.83	\$147.11
874-4	Functional Analyst II	\$80.33	\$82.74
874-4	Subject Matter Specialist	\$123.68	\$127.39
874-4	Functional Analyst I	\$70.46	\$72.57
874-4	Principal Systems Architect	\$135.13	\$139.18
874-4	Principal Internet Systems Architect	\$148.55	\$153.01
874-4	Senior Systems Architect	\$101.79	\$104.84
874-4	Senior Internet Systems Architect	\$104.98	\$108.14
874-4	Internet Systems Architect	\$101.40	\$104.44
874-4	Systems Architect	\$92.75	\$95.53
874-4	Senior Computer Systems Analyst	\$98.03	\$100.97
874-4	Computer Systems Analyst III	\$89.40	\$92.08



874-4	Computer Systems Analyst II	\$81.93	\$84.38
874-4	Computer Systems Analyst I	\$71.93	\$74.09
874-4	Junior Computer Systems Analyst	\$53.84	\$55.46
874-4	Senior Applications Engineer	\$95.29	\$98.15
874-4	Application Engineer III	\$86.53	\$89.13
874-4	Application Engineer II	\$63.30	\$65.20
874-4	Application Engineer I	\$69.84	\$71.94
874-4	Junior Applications Engineer	\$51.48	\$53.03
874-4	Senior Applications Programmer	\$93.85	\$96.65
874-4	Applications Programmer III	\$82.46	\$84.94
874-4	Applications Programmer II	\$69.68	\$71.77
874-4	Applications Programmer I	\$62.54	\$64.42
874-4	Junior Applications Programmer	\$50.00	\$51.50
874-4	Student Applications Programmer	\$40.13	\$41.34
874-4	Senior Data Base Management Specialist	\$93.89	\$96.71
874-4	Data Base Management Specialist III	\$89.41	\$92.09
874-4	Data Base Management Specialist II	\$78.43	\$80.78
874-4	Data Base Management Specialist I	\$68.84	\$70.91
874-4	Data Entry Clerk	\$32.11	\$33.07
874-4	Operations Manager	\$73.38	\$75.59
874-4	Senior Systems Administrator	\$95.17	\$98.02
874-4	Systems Administrator	\$56.82	\$58.53
874-4	Systems Operator	\$38.12	\$39.26
874-4	Senior Technical Training Specialist	\$75.37	\$77.64
874-4	Technical Training Specialist III	\$69.75	\$71.85
874-4	Technical Training Specialist II	\$64.33	\$66.26
874-4	Technical Training Specialist I	\$57.70	\$59.43
874-4	Senior Training Specialist	\$46.17	\$47.55
874-4	Information Center Specialist	\$46.76	\$48.16
874-4	Senior Information Systems Specialist	\$43.98	\$45.30
874-4	Applications Interoperability Task Lead	\$77.04	\$79.35
874-4	Applications Interoperability Specialist	\$44.18	\$45.50
874-4	Help Desk Manager	\$75.62	\$77.89
874-4	Senior Help Desk Specialist	\$70.28	\$72.39
874-4	Help Desk Specialist III	\$61.12	\$62.95
874-4	Help Desk Specialist II	\$53.14	\$54.74
874-4	Help Desk Specialist I	\$46.22	\$47.61
874-4	Senior PC Support Specialist	\$42.15	\$43.41
874-4	PC Support Specialist	\$32.55	\$33.52
874-4	User Support Specialist	\$38.28	\$39.43
874-4	Hardware Specialist	\$49.46	\$50.94
874-4	Senior hardware Installation Technician	\$50.26	\$51.77
874-4	Hardware Installation Technician	\$40.96	\$42.19



874-4	Senior Network Installation Technician	\$58.00	\$59.74
874-4	Network Installation Technician	\$46.92	\$48.33
874-4	Senior Network Engineer	\$128.34	\$132.19
874-4	Tele-medical Network Technician	\$88.11	\$90.75
874-4	Network Technician	\$81.00	\$83.43
874-4	Communications Network Manager	\$72.07	\$74.23
874-4	Communications Specialist	\$67.19	\$69.20
874-4	Senior Telecommunications Analyst	\$83.75	\$86.26
874-4	Telecommunications Analyst	\$62.93	\$64.82
874-4	Senior LAN Analyst	\$61.94	\$63.80
874-4	LAN Analyst	\$38.73	\$39.89
874-4	Senior Documentation Specialist	\$58.19	\$59.93
874-4	Documentation Specialist	\$44.43	\$45.76
874-4	Senior Technical Writer/Editor	\$69.62	\$71.70
874-4	Technical Writer/Editor III	\$63.49	\$65.40
874-4	Technical Writer/Editor II	\$58.02	\$59.76
874-4	Technical Writer/Editor I	\$52.60	\$54.18
874-4	Senior Computer Security Systems Specialist	\$94.60	\$97.44
874-4	Computer Security Systems Specialist II	\$80.41	\$82.82
874-4	Computer Security Systems Specialist I	\$69.95	\$72.05
874-4	Sr. Web Graphics Specialist	\$80.06	\$82.46
874-4	Sr. Admin. Support/Graphics Specialist	\$55.39	\$57.06
874-4	Web Graphics Specialist	\$65.47	\$67.44
874-4	Web Animation Specialist	\$72.18	\$74.35
874-4	Administrative Support/Graphics Specialist	\$35.29	\$36.35
874-4	Administrative Assistant	\$34.14	\$35.16
874-4	Sr. Workshop Coordinator	\$93.66	\$96.47
874-4	Workshop Coordinator II	\$71.99	\$74.15
874-4	Workshop Coordinator I	\$48.47	\$49.93
874-4	Sr. Internet Support Specialist	\$78.75	\$81.12
874-4	Internet Support Specialist	\$65.28	\$67.24
874-4	Internet Support Specialist II	\$54.86	\$56.50
874-4	Internet Support Specialist I	\$41.77	\$43.03
874-4	Groupware Systems Development Task Lead	\$88.64	\$91.30
874-4	Groupware Sr. Systems Developer	\$88.61	\$91.26
874-4	Groupware Systems Developer	\$63.83	\$65.75
874-4	Groupware Senior Systems Administrator	\$88.61	\$91.26
874-4	Groupware Systems Administrator	\$63.83	\$65.75
874-4	Groupware Systems Analyst	\$63.83	\$65.75
874-4	Junior Groupware Administrator	\$52.34	\$53.91
874-4	Junior Groupware Developer	\$52.34	\$53.91
874-4	Certified Groupware Development Task Lead	\$98.88	\$101.85
874-4	Microsoft Application Interoperability Specialist	\$52.33	\$53.90



874-4	Senior Microsoft Certified NT Systems Engineer	\$107.87	\$111.11
874-4	Materials Management Assistant	\$38.22	\$39.37
874-4	Principal Research Analyst	\$142.65	\$146.93
874-4	Senior Research Analyst	\$96.54	\$99.44
874-4	Research Analyst II	\$88.59	\$91.25
874-4	Research Analyst	\$76.45	\$78.74
874-4	Senior Biomedical/Clinical Engineer	\$140.28	\$144.49
874-4	Biomedical/Clinical Engineer	\$115.81	\$119.28
874-4	Healthcare Informatics Engineer	\$120.08	\$123.68
874-4	Radiographic Technologist	\$83.94	\$86.46
874-4	Laboratory/Medical Technologist	\$76.94	\$79.25
874-4	Diagnostic Imaging Physicist	\$188.61	\$194.26
874-4	Clinical Consultant	\$458.31	\$472.06
874-7	Program Manager	\$157.39	\$162.11
874-7	Asst. Program Manager	\$109.89	\$113.19
874-7	IT Project Manager	\$92.67	\$95.44
874-7	Project Planner	\$64.11	\$66.03
874-7	Lead Project Requirements Analyst	\$84.67	\$87.20
874-7	Business Systems Integrator	\$89.82	\$92.51

*Contractor Site reflects an 18% increase over client site pricing to account for increased general and administrative costs

5. LABOR CATEGORIES

SIN 871- 1

1. Commercial Job Title: Consultant I

Minimum/General Experience: This position requires 1 year of related and relevant experience.

Functional Job Responsibility: Possess demonstrated knowledge, experience, and ability in the development of solutions, recommendations, or outcomes across multiple complex tasks and/or organizations. Evaluates option in the context of project objectives and contributes to the implementation of strategic direction. Supports project objectives through activities such as conducting interviews, gathering data, and developing recommendations in support of project objectives. Can perform some tasks with minimal supervision. Will work under the supervision of more senior personnel.

Minimum Education: Bachelors Degree

2. Commercial Job Title: Consultant II

Minimum/General Experience: This position requires 2 years of related and relevant experience.

Functional Job Responsibility: Possess demonstrated knowledge, experience, and ability in the development of solutions, recommendations, or outcomes across multiple complex tasks and/or organizations. Evaluates option in the context of project objectives and contributes to the implementation of strategic direction. Supports project objectives through activities such as conducting interviews, gathering data, and developing recommendations in support of project objectives. Can perform more complex tasks with minimal supervision. Will work under the supervision of more senior personnel.

Minimum Education: Bachelors Degree

3. Commercial Job Title: Consultant III

Minimum/General Experience: This position requires 4 years of related and relevant experience.

Functional Job Responsibility: Possess demonstrated knowledge, experience, and ability in the development of solutions, recommendations, or outcomes across multiple complex tasks and/or organizations. Evaluates option in the context of project objectives and contributes to the implementation of strategic direction. Supports project objectives through activities such as conducting interviews, gathering data, and developing recommendations in support of project objectives. Can perform most tasks independently. Can supervise junior personnel when required.

Minimum Education: Bachelors Degree

4. Commercial Job Title: Consultant IV

Minimum/General Experience: This position requires 10 years of related and relevant experience.

Functional Job Responsibility: Possess demonstrated knowledge, experience, and ability in the development of solutions, recommendations, or outcomes across multiple complex tasks and/or organizations. Evaluates option in the context of project objectives and contributes to the implementation of strategic direction. Supports project objectives through activities such as conducting interviews, gathering data, and developing recommendations in support of project objectives. Can perform all tasks with no supervision required. Performs supervisory and managerial duties.

Minimum Education: Masters Degree

5. Commercial Job Title: Consultant V

Minimum/General Experience: This position requires 20 years of related and relevant experience.

Functional Job Responsibility: Possess demonstrated knowledge, experience, and ability in the development of solutions, recommendations, or outcomes across multiple complex tasks and/or organizations. Evaluates option in the context of project objectives and contributes to the implementation of strategic direction. Supports project objectives through activities such as conducting interviews, gathering data, and developing recommendations in support of project objectives. Will serve as technical lead. Will perform supervisory and managerial duties.

Minimum Education: Masters Degree

6. Commercial Job Title: Analyst I

Minimum/General Experience: This position requires 1 year of related and relevant experience.

Functional Job Responsibility: Possess knowledge of applying analytic methodologies and principles to address client's needs. Supports analyst functions including data collection, interviewing, data modeling, project testing, and creation of performance measurements to support project objectives. Conducts activities in support of project team's objectives. Works closely with senior Analysts or Team Leads.

Minimum Education: Bachelors Degree

7. Commercial Job Title: Analyst II

Minimum/General Experience: This position requires 4 years of related and relevant experience.

Functional Job Responsibility: Possess knowledge of applying analytic methodologies and principles to address client's needs. Supports analyst functions including data collection, interviewing, data modeling, project testing, and creation of performance measurements to

support project objectives. Conducts activities in support of project team's objectives. Can perform more complex tasks independently. Can perform managerial duties if needed.

Minimum Education: Bachelors Degree

8. Commercial Job Title: Analyst III

Minimum/General Experience: This position requires 6 years of related and relevant experience.

Functional Job Responsibility: Possess knowledge of applying analytic methodologies and principles to address client's needs. Supports analyst functions including data collection, interviewing, data modeling, project testing, and creation of performance measurements to support project objectives. Conducts activities in support of project team's objectives. Can perform more complex tasks independently. Works closely with senior Analysts or Team Leads.

Minimum Education: Bachelors Degree

9. Commercial Job Title: Technical Writer

Minimum/General Experience: This position requires 2 years of related and relevant experience.

Functional Job Responsibility: Responsible for documentation design, development, and preparation throughout the production cycle that can include: technical writing/editing, editorial consultation, copy design/editing, proofreading, or overall documentation review for all projects. Works with management, technical personnel, authors, and subject matter experts to define documentation content, guidelines, specifications, and development schedules. Prepares required documentation in an appropriate format. Adheres to required configuration management or quality assurance standards of associated projects. Analyzes the data and user requirements to ensure that documentation is clear, concise, and valid. Ensures that documents follow the appropriate style guide.

Minimum Education: Bachelors Degree

10. Commercial Job Title: Configuration Manager

Minimum/General Experience: This position requires 2 years of related and relevant experience.

Functional Job Responsibility: Configures, maintains and controls baselines for systems or applications to ensure internal processes and operations are functional and effective. Designs and develops implementation and maintenance procedures. May also assist with systems monitoring, change management and performance optimization activities.

Minimum Education: Bachelors Degree

11. Commercial Job Title: Subject Matter Expert – Health Services

Minimum/General Experience: This position requires 10 years of related and relevant

experience.

Functional Job Responsibility: Possesses advanced understanding and expertise related to Health Services. Provides expert consultative support to Health Services Teams. Develops solutions to complex problems. Works closely with the Health professionals to identify the best solutions to issues. Familiar with the field's concepts, practices, and procedures. Relies on extensive experience and judgment to plan and accomplish goals. This position will perform managerial duties as requested.

Minimum Education: Bachelors Degree

SIN 874-4

12. Commercial Job Title: Program Manager

Minimum/General Experience: This position requires a minimum of fifteen years' experience, of which at least ten years must be specialized. Specialized experience includes: project development from inception to deployment, expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts and/or subcontracts of various types and complexity. General experience includes increasing responsibilities in information systems design and/or management.

Functional Responsibility: Serves as the contractor's contract manager, and is 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. Individual is responsible for the overall contract performance.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's degree, thirteen years general experience of which at least nine years must be specialized. With a Ph.D., twelve years general experience of which at least eight years must be specialized.

13. Commercial Job Title: Senior Project Manager

Minimum/General Experience: This position requires a minimum of twelve years' experience of which at least nine years must be specialized. Specialized experience includes: project development from inception to deployment, expertise in the management and control of resources, demonstrated capability in managing multi-task contracts and/or subcontracts of various types and complexity. General experience includes increasing responsibilities in information systems design and/or management.

Functional Responsibility: Serves as the project manager for a large, complex task order (or a group of task orders). Individual assists 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.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, ten years of general experience of which at least seven years must be specialized. With a Ph.D., eight

years of general experience of which at least six years must be specialized. With fifteen years general experience of which at least twelve years specialized experience, a degree is not required.

14. Commercial Job Title: Project Manager II

Minimum/General Experience: This position requires a minimum of seven years' experience of which at least five years must be specialized. Specialized experience includes project development from inception to deployment, expertise in the management of resources, managing contracts and/or subcontracts of various types and complexity. General experience includes increasing responsibilities in information systems design and/or management.

Functional Responsibility: Serves as the project manager for a large task order or contract. Individual assists in working with the Government Contracting Officer (CO), the contract-level Contracting Officer's Representative (COR), and government management personnel and customer agency representatives. Under the guidance of the Program Manager, responsible for management of the specific tasks and insuring that the technical solutions and schedules in the task order are implemented in a timely manner.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With ten years general experience of which at least eight years of specialized experience, a degree is not required.

15. Commercial Job Title: Project Manager I

Minimum/General Experience: This position requires a minimum of five years' experience of which at least three years must be specialized. Specialized experience includes project deployment, management of resources, and managing contracts and/or subcontracts. General experience includes increasing responsibilities in information systems design and/or management.

Functional Responsibility: Serves as the project manager for a medium size task or contract. Individual assists in working with the contract-level Contracting Officer's Representative (COR), and government management personnel and customer agency representatives. Under the guidance of the Program Manager, responsible for ensuring that specific tasks and schedules are implemented in a timely manner.

Minimum Education: No Degree is required.

16. Commercial Job Title: Senior Project Control Specialist

Minimum/General Experience: This position requires a minimum of twelve years' experience, of which at least eight years must be specialized. Specialized experience includes management of, and preparation and analysis of contract-related funding, modification documents and reports, and project schedules. General experience includes increasing responsibilities in general accounting or management activities.

Functional Responsibility: Directs all contract management and administrative activities, such as budgeting, manpower and resource planning, and financial reporting. Individual performs complex evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues that would require a report and recommend solutions. Develops work breakdown structures, prepares charts, tables, graphics, and diagrams to assist in analyzing problems. Individual provides daily supervision and

direction to staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, Accounting, or other related discipline. With a Master's Degree, eight years of general experience of which at least six years must be specialized. With fifteen years of general experience of which at least twelve years of specialized experience, a degree is not required.

17. Commercial Job Title: Project Control Specialist

Minimum/General Experience: This position requires a minimum of five years' experience, of which at least three years must be specialized. Specialized experience includes management of, and preparation and analysis of contract-related funding, modification documents and reports, and project schedules. General experience includes increasing responsibilities in general accounting or management activities. Individual must demonstrate the ability to work independently or with only general direction.

Functional Responsibility: Performs contract management and administrative activities, such as budgeting, manpower and resource planning, and financial reporting. Individual performs evaluations of existing procedures, processes, techniques, models, and/or systems related to management problems or contractual issues that would require a report and recommend solutions. Develops work breakdown structures, prepares charts, tables, graphics, and diagrams to assist in analyzing problems.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, Accounting, or other related discipline. With a Master's Degree, three years of general experience of which at least two years must be specialized. With eight years of general experience of which at least six years of specialized experience, a degree is not required.

18. Commercial Job Title: Quality Assurance Manager

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least five years must be specialized. Specialized experience includes Configuration Management, verification and validation, software testing and integration, software metrics and their application to software quality assessment. General experience includes increasing responsibilities in quality assurance, quality control, and team leader responsibilities.

Functional Responsibility: Establishes and maintains a process for evaluating software and associated documentation. Determines the resources required for quality control. Individual maintains the level of quality throughout the software life cycle. He or She conducts formal and informal reviews at pre-determined points throughout the development life cycle, provides daily supervision and direction to support staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, six years of general experience of which at least four years must be specialized. With a Ph.D., five years of general experience is required of which at least three years must be specialized. With thirteen years of general experience of which at least eleven years must be specialized experience, a degree is not required.

19. Commercial Job Title: Senior Quality Assurance Analyst

Minimum/General Experience: This position requires a minimum of seven years' experience, of which at least four years must be specialized including analysis and design of business applications, programming, knowledge of current storage and retrieval methods, and a demonstrated ability to formulate specifications for computer. General experience includes increasing responsibilities in assignments of a technical nature. Individual has proven understanding and application of government documentation standards. Proven ability to work independently or under only general direction on complex application problems involving all phases of systems analysis is required.

Functional Responsibility: Provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, review of program documentation to assure government standards/requirements are adhered to, and for progress in accordance with schedules. He or she coordinates with the Project Manager and/or Quality Assurance Manager to ensure problem solution and user satisfaction. Make recommendations, if needed, for approval of major systems installations. Individual prepares milestone status reports and deliveries/presentations on the system concept to colleagues, subordinates, and end user representatives.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, six years of general experience of which at least three years must be specialized. With eleven years of general experience of which at least nine years must be specialized, a degree is not required.

20. Commercial Job Title: Quality Assurance Analyst

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least three years must be specialized. Specialized experience includes analysis and design of business applications, data base management, and programming. Individual has knowledge of current storage and retrieval methods and a demonstrated ability to formulate specifications for computer programmers to use in coding, testing, and debugging of computer programs. General experience includes increasing responsibilities in assignments of a technical nature.

Functional Responsibility: Performs technical and administrative software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards. At the direction of the QA Manager, reviews program documentation to assure adherence to government standards/requirements. Make recommendations, if needed, for approval of major systems installations. Provides input for milestone status reports and deliveries/presentations on the system concept to colleagues, and end-user representatives.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, five years of general experience of which at least two years must be specialized. With ten years of general experience of which at least eight years must be specialized, a degree is not required.

21. Commercial Job Title: Quality Assurance/Testing Specialist II

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least two years must be specialized. Specialized experience includes analysis and design of business applications, data base management, and programming.

Functional Responsibility: At the direction of the QA Manager, performs, develops and manages test programs including the preparation of test plans, procedures and schedules; analysis of test results and preparation of test reports. He or she meets with system users to

understand usage profiles and user needs. Writes plans for integration, system, stress, acceptance, and regression testing. Executes and analyzes the results of test procedures. Writes test and/or problem analysis reports. Individual participates in reviews at any point in the software lifecycle. For projects involving small systems, design and implement the software configuration management process and problem reporting system. Individual assists in the implementation of software and performance metrics.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, two years of general experience of which at least one year must be specialized. With six years of general experience of which at least four years must be specialized experience, a degree is not required.

22. Commercial Job Title: Quality Assurance/Testing Specialist I
Minimum/General Experience: Two years general experience performing, developing and/or managing in-plant and field-test programs.

Functional Responsibility: At the direction of the QA Manager, performs testing including the execution of test plans, procedures and schedules. Assists in the preparation of test reports. Performs integration testing, system testing, stress testing, acceptance testing, and regression testing. Participate in reviews at any point in the software lifecycle.

Minimum Education: Requires an Associate's degree. With a Bachelor's Degree, no experience is required. With three years of general experience of which at least one must be specialized, a degree is not required.

23. Commercial Job Title: Program Administration Specialist

Minimum/General Experience: Requires experience with general contract administration. Works with limited supervision and direction. Required to use judgment and initiative in problem solving.

Functional Responsibility: Assists in the preparation of management plans and reports. Coordinates schedules to facilitate completion of proposals, contract deliverables, task order review, briefings and presentations. Performs analysis, development, and review of program administrative operating procedures.

Minimum Education: Requires a high school diploma. With an Associate's degree in Computer Science or Business, must have two years generalized experience and one year of specialized experience. With a Bachelor's degree in any field, one years of general experience of which one year must be specialized.

24. Commercial Job Title: Senior Functional Analyst

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least eight years must be specialized. Specialized experience includes superior functional knowledge of task order specific requirements, or developing functional requirements for integrated ADP systems. Demonstrates ability to work independently or under only general direction.

Functional Responsibility: Analyzes user needs to determine functional and cross- functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task. Provides daily supervision and direction to support staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, eight years of general experience of which at least six years must be specialized. With thirteen years of general experience of which at least eleven years of specialized experience, a degree is not required.

25. Commercial Job Title: Senior Subject Matter Expert

Minimum/General Experience: This position requires twelve years of general experience in a specific subject area related to the project or task, and ten years of specialized subject matter experience. Areas of subject expertise may include but are not limited to education, research, peer review, internet technology, software development lifecycle, IV&V, social science instrument development, and clinical, biomedical, electrical, or network engineering. For PACS experience, must include the installation, implementation, and sustainment of PACS, tele-radiology, and clinical information systems or an equivalent combination.

Functional Responsibility: Develops plans, programs or architectures related to the project or task subject matter and may include educational and outreach materials, survey and data collection instrument development, and other education-related research expertise. For PACS, may include extensive knowledge and support of PACS, telemedicine and clinical information systems networking and implementation. Works with vendors to ensure seamless integration of systems and support of workflow requirements. Develops acceptance test protocols; assists vendors in interface implementation to information and legacy systems; and works with end users to facilitate transition to the technical environment.

Minimum Education: Master's degree in education, social services, clinical, biomedical, electrical, network engineering, or related field. With a Ph.D., ten years of general and eight years of specialized experience are required.

26. Commercial Job Title: Functional Analyst III

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least six years must be specialized. Specialized experience includes functional knowledge of task order specific requirements, or developing functional requirements for integrated ADP systems.

Functional Responsibility: At the direction of the Sr. Analyst, manages tasks and participates in analyzing user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, six years of general experience of which at least four years must be specialized. With eleven years of general experience of which at least nine years of specialized experience, a degree is not required.

27. Commercial Job Title: Subject Matter Expert

Minimum/General Experience: This position requires ten years of general experience in specific subject area, and eight years of specialized subject matter experience. Areas of subject expertise may include but are not limited to education, research, peer review, internet technology, software development lifecycle, IV&V, social science instrument development, and clinical, biomedical, electrical, or network engineering. For PACS

experience, must include the installation, implementation, and sustainment of PACS, tele-radiology, and clinical information systems or an equivalent combination.

Functional Responsibility: Provides support to senior project manager in areas of education, instrument development, and other education-related research expertise. For PACS, may include extensive knowledge and support of PACS, telemedicine and clinical information systems networking and implementation. Works with vendors to ensure seamless integration of systems and support of workflow requirements. Develops acceptance test protocols; assists vendors in interface implementation to information and legacy systems; and works with end users to facilitate transition to the technical environment.

Minimum Education: Master's degree in education, social services, clinical, biomedical, electrical, network engineering, or related field. With a Ph.D., eight years of general and six years of specialized experience are required.

28. Commercial Job Title: Functional Analyst II

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least three years must be specialized. Specialized experience includes developing functional requirements for complex integrated ADP systems.

Functional Responsibility: Analyzes user needs to determine functional and cross-functional requirements. Performs functional allocation to identify required tasks and their interrelationships. Identifies resources required for each task.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, and Business other related discipline. With a Master's Degree, four years of general experience of which at least two years must be specialized. With ten years of general experience of which at least eight years must be specialized experience, a degree is not required.

29. Commercial Job Title: Subject Matter Specialist

Minimum/General Experience: This position requires eight years general experience in any field including education, clinical, biomedical, electrical, or network engineering and six years of specialized experience in the subject matter area. Areas of subject expertise may include, but are not limited to, education, research, peer review, internet technology, software development lifecycle, IV&V, social science instrument development, and clinical, biomedical, electrical, or network engineering. For PACS, experience must include the installation, implementation, and sustainment of PACS, tele-radiology, and clinical information systems or an equivalent combination.

Functional Responsibility: Provides support to senior project staff in the subject matter area. Works with vendors to support workflow requirements. Develops acceptance test protocols. Assists in implementation of instruments, collection of data, migration of information and legacy systems; and works with end users to facilitate transition to new systems or process environment. Works to ensure project quality. May include support in the areas of PACS, tele-radiology, and clinical information systems.

Minimum Education: Bachelor's degree in education, social services, clinical, biomedical, electrical, network engineering, or related field. With a Master's degree, six years of general experience and four years of specific subject matter experience. With a Ph.D., four years of general experience and two years of specific subject matter experience.

30. Commercial Job Title: Functional Analyst I

Minimum/General Experience: This position requires a minimum of three years' experience, of which at least two years must be specialized. Specialized experience includes developing functional requirements for complex integrated ADP systems.

Functional Responsibility: Assists in analyzing user needs, to determine functional and cross-functional requirements. Performs tasks associated with developing functional requirements as required.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, and Engineering, Business or other related discipline. With a Master's Degree two years of general experience of which at least one year must be specialized. With six years of general experience of which at least four years must be specialized experience, a degree is not required.

31. Commercial Job Title: Principal Systems Architect

Minimum/General Experience: Ten years general experience of which at least nine years must be specialized. Specialized experience includes supervision of system architects, use of structured analysis, design methodologies and design tools, object oriented principles, and experience with the logical and physical functional, operational, and technical architecture of large and complex information systems. General experience includes increasing responsibilities in systems engineering.

Functional Responsibility: Establishes system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these systems are compatible and in compliance with the standards for open systems architectures. Evaluates analytically and systematically problems of workflow, organization, and planning and develops appropriate corrective action. Provides daily supervision and direction to staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's degree, eight years' experience of which at least seven years must be specialized. With a Ph.D., or two Masters Degrees, seven years of general experience is required of which at least six years must be specialized.

32. Commercial Job Title: Principal Internet Systems Architect

Minimum/General Experience: This position requires ten years of progressive general Internet-related experience, client server technologies or network experience, and eight of specialized experience specific to the project, task or discipline. Experience also includes increasing responsibility in the design, development and maintenance of applications deployed using Internet technology.

Functional Responsibility: Works directly with a technical team and management to design, and implement a broad range of Internet/ Intranet computing solutions. Responsible for requirements definition, system design, implementation, deployment, training, and maintenance of the Internet architecture; interface with other lead architects to ensure integrated architectures; establishment of internet standards, selecting development tools and web server tools and implementing those tools. Responsible for key network components, such as firewalls, proxy servers and gateways. Manages Internet developers and technical implementers. Develops work plans and budgets. Experience with Internet software products,

programming languages such as Oracle, SQL Server, C, and Java, and experience in Linux, Unix and/or Windows platforms. Knowledge of SQL and ODBC database driven sites, custom search engines, animation, secure web technology, and interactive technology. Requires good oral and written communications and presentation skills. May serve as a Project Manager.

Minimum Education: A Master's Degree in Computer Science, Mathematics, Management of Information Science or a related field is required. With a Ph.D. or two Master's degrees, eight years of general experience of which seven years is specialized are required. With a Bachelor's degree, twelve years of general and ten years of specialized experience is required.

33. Commercial Job Title: Senior Systems Architect

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least seven years must be specialized. Specialized experience includes supervision of system architects, use of structured analysis, design methodologies and design tools, techniques, object-oriented principles, and experience with the logical and physical functional, operational, and technical architecture of information systems.

Functional Responsibility: Establishes system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for cross-functional requirements and interfaces. Ensures these systems are compatible and in compliance with the standards for open systems architectures. Evaluates problems of workflow, organization, and planning, and develops appropriate corrective action. Provides daily supervision and direction to staff.

Minimum Education: Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, seven years of general experience, of which at least six years must be specialized. With a Ph.D., or two Master's degrees, six years of general experience, of which at least five years must be specialized. With thirteen years of general experience of which at least eleven years must be specialized experience, a degree is not required.

34. Commercial Job Title: Senior Internet Systems Architect

Minimum/General Experience: This position requires seven years of progressive general Internet-related experience, client server technologies and network experience, and six years of specialized experience in the design and implementation of Internet technologies.

Functional Responsibility: Works directly with a technical team, project executives, account teams and distributed computing management to design, negotiate and plan a broad range of Internet/ Intranet computing solutions. Responsible for requirements definition, designing, training, rolling and maintenance of the Internet architecture; interface with other lead architects to ensure integrated architectures; establishment of internet standards, selecting development tools and web server tools and implementing those tools. Responsible for key network components, such as firewalls, proxy servers and gateways. Manages Internet developers and technical implementers. May develop work plans and budgets. Experience with Internet software products, programming in Perl, C, Oracle or Java, and experience in Linux, Unix and/or Windows platforms. Experience with Internet software products, programming languages such as Oracle, SQL Server, C, and Java, and experience with Unix and Windows platforms. Knowledge of SQL and ODBC database driven sites, custom search engines, animation, secure web technology, and interactive technology. Requires good oral and written communications and presentation skills. May serve as a

Project Manager or Task Lead.

Minimum Education: A Bachelor's Degree in Computer Science, Mathematics, Management of Information Science or a related field is required. With a Master's degree in Computer Science, Mathematics, Management of Information Science or a related field, five years of general experience of which at least four years must be specialized is required.

35. Commercial Job Title: Internet Systems Architect

Minimum/General Experience: This position requires a minimum of three years of general Internet-related experience, with one year experience in the design and implementation of Internet technologies, client server technologies, and network experience.

Functional Responsibility: Responsible for assisting in requirement definition, designing, developing, and maintenance of the Internet architecture. Responsible for ensuring key network components, such as firewalls, proxy servers and gateways function properly. May have experience with Internet software products, programming in Perl, C, Oracle, or Java, experience in Unix and Windows platforms. Knowledge of SQL and ODBC database driven sites, custom search engines, animation, secure web technology, and interactive technology. Requires good oral and written communications and presentation skills.

Minimum Education: Bachelor's Degree in Computer Science, Mathematics, Management of Information Science or a related field.

36. Commercial Job Title: Systems Architect

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes use of structured analysis, design methodologies, tools, and other design techniques, object oriented principles, and experience with the logical and physical functional, operational, and technical architecture of information systems.

Functional Responsibility: As directed by the Principal Architect, establishes system information requirements using analysis of the information engineer(s) in the development of enterprise-wide or large-scale information systems. Designs architecture to include the software, hardware, and communications to support the total requirements as well as provide for present and future cross-functional requirements and interfaces. Ensures these systems are compatible and in compliance with the standards for open systems architectures. Evaluates problems of workflow, organization, and planning and develops appropriate corrective action.

Minimum Education: Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, four years general experience of which at least three years must be specialized. With ten years of general experience of which at least seven years must be specialized experience, a degree is not required.

37. Commercial Job Title: Senior Computer Systems Analyst

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least eight years must be specialized. Specialized experience includes analysis and design of business applications on complex systems for large-scale computers, data base management, and use of programming languages. General experience includes increasing responsibilities in assignments of a technical nature.

Functional Responsibility: Performs as a Task Leader and provides technical and administrative direction for personnel performing software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Prepares status reports. Supervises staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, eight years general experience of which at least six years must be specialized. With a Ph.D., or two Masters Degrees, a minimum six years of general experience is required of which at least five years must be specialized. With thirteen years of general experience of which at least eleven years must be specialized experience, a degree is not required.

38. Commercial Job Title: Computer Systems Analyst III

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least six years must be specialized. Specialized experience includes analysis and design of business applications on complex systems for large-scale computers, data base management, and use of programming languages. General experience includes increasing responsibilities in assignments of a technical nature.

Functional Responsibility: Performs software development tasks, including the review of work products for correctness, adherence to the design concept and to user standards, and for progress in accordance with schedules. Prepares milestone status reports.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, six years general experience of which at least four years must be specialized. With ten years of general experience of which at least eight years must be specialized experience, a degree is not required.

39. Commercial Job Title: Computer Systems Analyst II

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes analysis and design of business applications, database management, and programming. General experience includes increasing responsibilities in information systems design and management.

Functional Responsibility: Assists in the analysis and development of computer software. Participates in the development of plans for automated information systems from project inception to conclusion. Analyzes user interfaces, maintains hardware and software performance tuning, analyzes workload and computer usage, maintains interfaces with outside systems, analyzes downtimes, and analyzes proposed system modifications, upgrades and new COTS products. Works with programmers to ensure proper implementation of program and system specifications.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, four years general experience of which at least three years must be specialized. With eight years of general experience of which at least six years must be specialized experience, a degree is not required.

40. Commercial Job Title: Computer Systems Analyst I

Minimum/General Experience: This position requires a minimum of three years' experience, of which at least two years must be specialized. Specialized experience includes

participating in the analysis and design of business applications including experience in data base management concepts, and programming.

Functional Responsibility: Assists with analysis and development of computer software possessing a wide range of capabilities, including numerous engineering, business, and record management functions. Develops plans for automated information systems from project inception to conclusion. Performs analysis of user interfaces, assists with analysis and maintenance of hardware and software performance tuning, workload and computer usage, interfaces with outside systems, downtimes, proposed system modifications, upgrades and new COTS products. Assists with the analysis of problems and information to be processed.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With six years of general experience of which at least four years must be specialized experience, a degree is not required.

41. Commercial Job Title: Junior Computer Systems Analyst

Minimum/General Experience: This position is for recent college graduates and requires no experience.

Functional Responsibility: Analyzes information requirements. Evaluates analytically and systematically problems of workflow, organization, and planning and assists Senior Computer Systems Analyst and Computer Systems Analyst develop appropriate corrective action. Helps develop plans for automated information, system requirements and program specifications, from which programmers prepare detailed flow charts, programs, and tests.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline.

42. Commercial Job Title: Senior Applications Engineer

Minimum/General Experience: This position requires a minimum of ten years' experience managing or performing software engineering activities, of which at least eight years must be specialized. Specialized experience includes working with third/fourth generation languages in the design and implementation of systems and using database management systems. General experience includes increasing responsibilities in software engineering activities.

Functional Responsibility: Performs as a Task Leader when required. Analyzes and studies complex system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support. Estimates software development costs and schedule. Reviews applications, and assists in making refinements, reducing operating time, and improving current techniques. Supervises software configuration management.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, eight years general experience of which at least six years must be specialized. With thirteen years of general experience of which at least eleven years must be specialized experience, a degree is not required.

43. Commercial Job Title: Applications Engineer III

Minimum/General Experience: This position requires a minimum of eight years' experience performing software engineering activities, of which at least six years must be specialized. Specialized experience working with third/fourth generation languages in the design and

implementation of systems, and using database management systems. General experience includes increasing responsibilities in software engineering activities.

Functional Responsibility: At the direction of the Senior Applications Engineer, analyzes and studies complex system requirements. Designs software tools and subsystems to support software reuse and domain analyses and manages their implementation. Manages software development and support using formal specifications, data flow diagrams, other accepted design techniques and tools. Reviews existing programs and assist in making refinements, reducing operating time, and improving current techniques. Performs software configuration management. May serve as Task Leader for software configuration management tasks.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, six years general experience of which at least four years must be specialized. With eleven years of general experience of which at least nine years must be specialized experience, a degree is not required.

44. Commercial Job Title: Applications Engineer II

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes experience as an applications programmer or engineer, knowledge of computer equipment and ability to develop software to satisfy design objectives.

Functional Responsibility: Assists in the analysis of complex system requirements. Assists in the design of software tools and subsystems to support software reuse and domain analyses and manages their implementation. Performs software development and support using formal specifications, data flow diagrams, other accepted design techniques and tools. Assists in the review of existing programs, and makes refinements to reduce operating time, and improve techniques. Performs software configuration management.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, four years general experience of which at least three years must be specialized. With ten years of general experience of which at least eight years must be specialized experience, a degree is not required.

45. Commercial Job Title: Applications Engineer I

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least two years must be specialized. Specialized experience includes experience as an applications programmer or engineer, and knowledge of computer equipment.

Functional Responsibility: Assists in the analysis of system requirements. Assists in the design of software tools and subsystems. Performs software development and support using formal specifications, data flow diagrams, other accepted design techniques and tools. Assists in the review of existing programs. Assists with software configuration management.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree three years general experience of which at least one year must be specialized. With seven years of general experience of which at least four years must be specialized experience, a degree is not required.

46. Commercial Job Title: Junior Applications Engineer

Minimum/General Experience: This position is for recent college graduates and requires no experience.

Functional Responsibility: Participates in analysis of functional business applications and design specifications for functional activities. Assists Applications Engineer and Applications Programmer to design specifications to code, integrate and test software components.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline.

47. Commercial Job Title: Senior Applications Programmer

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least eight years must be specialized. Specialized experience includes experience as an applications programmer, and knowledge of computer equipment.

Functional Responsibility: Manages the implementation of detailed designs into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Supervises staff and provides technical direction to programmers to ensure program deadlines are met.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, eight years general experience of which at least six years must be specialized. With thirteen years of general experience of which at least ten years must be specialized experience, a degree is not required.

48. Commercial Job Title: Applications Programmer III

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least six years must be specialized. Specialized experience includes experience as an applications programmer on large-scale data base management systems, knowledge of computer equipment and ability to develop complex software to satisfy design objectives.

Functional Responsibility: Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts. Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Prepares program-level and user-level documentation. Enhances software to reduce operating time or improve efficiency. Provides technical assistance to programmers.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, six years general experience of which at least four years must be specialized. With eleven years of general experience of which at least eight years must be specialized experience, a degree is not required.

49. Commercial Job Title: Applications Programmer II

Minimum/General Experience: This position requires a minimum of five years' experience, of which at least three years must be specialized. Specialized experience includes experience as an applications programmer, and knowledge of computer equipment.

Functional Responsibility: Analyzes functional business applications and design specifications for functional activities. Develops block diagrams and logic flow charts.

Translates detailed design into computer software. Tests, debugs, and refines the computer software to produce the required product. Assists with the preparation of program-level and user-level documentation. Assists in developing software enhancements.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, four years general experience of which at least two years must be specialized. With nine years of general experience of which at least seven years must be specialized experience, a degree is not required.

50. Commercial Job Title: Applications Programmer I

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least two years must be specialized. Specialized experience includes experience as an applications programmer, and knowledge of computer equipment.

Functional Responsibility: Participate in the analysis of functional business applications and design specifications for functional activities. Tests, debugs, and refines the computer software to produce the required product. Assists with the preparation of user documentation.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With six years of general experience of which at least four years must be specialized experience, a degree is not required.

51. Commercial Job Title: Junior Application Programmer

Minimum/General Experience: This position is for recent college graduates and requires no experience.

Functional Responsibility: Participates in the design of software tools and subsystems to support reuse and domain analysis. Assists Applications Engineer and Applications Programmer to interpret software requirements and design specifications to code, and integrate and test software components.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline.

52. Commercial Job Title: Student Application Programmer

Minimum/General Experience: Full-time student.

Functional Responsibility: Assists with the analysis of information requirements. Aids in the evaluation of problems with workflow, organization, and planning and helps develop appropriate corrective action.

Minimum Education: Currently enrolled as a full-time student at a university or college and majoring in Computer Science, Information Systems, Engineering, or other related discipline.

53. Commercial Job Title: Senior Data Base Management Specialist

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least eight years must be specialized. Specialized experience includes demonstrated experience with DBMS design and system analysis, current operating systems software and data manipulation languages. General experience includes increasing responsibilities in the development and maintenance of data base systems.

Functional Responsibility: Manages the development of database projects. Plans and budgets staff and data base resources. Allocates resources to maximize benefits. Prepares and delivers presentations on database management systems concepts. Provides daily supervision and direction to support staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, eight years general and six years specialized experience. With thirteen years of general experience of which eleven years are specialized, a degree is not required.

54. Commercial Job Title: Data Base Management Specialist III

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least six years must be specialized. Specialized experience includes demonstrated experience with DBMS design and system analysis, current operating systems software and data manipulation languages. General experience includes increasing responsibilities in the development and maintenance of data base systems.

Functional Responsibility: May perform as a Task Leader. At the direction of the Senior Data Base Management Specialist, manages the development of data base tasks. Allocates resources to maximize benefits. Prepares and delivers presentations on data base management systems concepts. Provides daily supervision and direction to Task staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, six years general experience of which at least four years must be specialized. With eleven years of general experience of which at least nine years must be specialized experience, a degree is not required.

55. Commercial Job Title: Data Base Management Specialist II

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes experience using current DBMS technologies, and application design utilizing various DBMS. General experience includes increasing responsibilities in DBMS systems analysis and programming.

Functional Responsibility: Provides technical expertise in the use of DBMS. Evaluates and recommends available DBMS products to support validated user requirements. Defines file organization, indexing methods, and security procedures for specific user applications.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, four years general experience of which at least three years must be specialized. With ten years of general experience of which at least eight years must be specialized experience, a degree is not required.

56. Commercial Job Title: Data Base Management Specialist I

Minimum/General Experience: This position requires a minimum of three years' experience, of which at least two year must be specialized. Specialized experience includes experience using current DBMS technologies, and application design utilizing various DBMS. General experience includes responsibilities in DBMS systems analysis and programming.

Functional Responsibility: Provides technical support in the use of DBMS products for user requirements. Defines file organization, indexing methods, and security procedures for

specific user applications.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With six years of general experience of which at least four years must be specialized experience, a degree is not required.

57. Commercial Job Title: Data Entry Clerk

Minimum/General Experience: One year's experience in data entry and verification.

Functional Responsibility: Performs data entry via on-line data terminal, key-to-tape, key-to-disk, or similar device. Verifies data entered, where applicable.

Minimum Education: Requires a high school diploma. An Associate of Arts (AA) degree in Computer Science or related study will be considered equivalent to one half year of general experience. Formal specialized training may be substituted on the basis of one month of training for one month of experience, not to exceed three months.

58. Commercial Job Title: Operations Manager

Minimum/General Experience: This position requires a minimum of seven years' experience, of which at least five years must be specialized. Specialized experience includes supervision and operations experience with computer systems, knowledge of hardware, software and operating systems. General experience includes operations experience with a multi-server local area network.

Functional Responsibility: Manages computer operations. Ensures production schedules are met. Ensures computer system resources are used effectively. Coordinates the resolution of production-related problems. Ensures proper relationships are established between customers, teaming partners, and vendors to facilitate the delivery of information technology services. Provides users with computer output. Supervises operations staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, five years general experience, of which at least three years must be specialized. With ten years of general experience of which at least eight years must be specialized experience, a degree is not required.

59. Commercial Job Title: Senior Systems Administrator

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized experience in administrating network systems. General experience includes operations experience with multi-server local area networks.

Functional Responsibility: Supervises and manages the daily activities of configuration and operation of business systems which may be mainframe, mini, or client/server based. Optimizes system operation and resource utilization, and performs system capacity analysis and planning. Provides assistance to users in accessing and using business systems.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, four years general experience of which at least three years must be specialized. With ten years of general experience of which eight years is specialized, a degree is not required.

60. Commercial Job Title: Systems Administrator

Minimum/General Experience: This position requires a minimum of four years'

experience, of which at least three years must be specialized experience in network systems. General experience includes operations experience with multi-server local area networks.

Functional Responsibility: Performs daily activities including configuration and operation of business systems that may be mainframe, mini, or client/server based. Optimizes system operation and resource utilization, and performs system capacity analysis. Provides assistance to users in accessing and using business systems.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, three years general experience of which at least two years must be specialized. With eight years of general experience of which six years is specialized, a degree is not required.

61. Commercial Job Title: Systems Operator

Minimum/General Experience: This position requires a minimum of three years' experience, of which at least two years must be specialized experience operating a computer system or a multi-server local area network. Demonstrates sufficient knowledge of programming to understand how programs use computer hardware.

Functional Responsibility: Monitors and supports computer processing. Coordinates input, output, and file media. Distributes output and controls computer operation that may be mainframe, mini, or client server based.

Minimum Education: An Associate's Degree in Computer Science, Information Systems, Engineering, or other related discipline is required. With a Bachelor's Degree, two years general experience of which at least one year must be specialized experience. With seven years of general experience of which at least five years is specialized, a degree is not required.

62. Commercial Job Title: Senior Technical Training Specialist

Minimum/General Experience: This position requires a minimum of seven years' experience, of which at least five years must be specialized. Specialized experience includes experience in developing and providing technical and end-user training on computer hardware and application software. Must have the ability to communicate orally and in writing.

Functional Responsibility: Conducts research to develop and revise training courses and prepares appropriate training catalogs. Develops all instructor materials (course outline, background material, and training aids). Develops all student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops, seminars, and/or computer based/computer aided training. Provides daily supervision and direction to staff.

Minimum Education: A Bachelor's Degree in any field. With a Master's Degree, six years general experience including four years of specialized experience. With a Ph.D., four years general experience of which at least three years must be specialized. With ten years of general experience of which at least eight years is specialized, a degree is not required.

63. Commercial Job Title: Technical Training Specialist III

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes experience in developing and providing technical and end-user training on computer hardware and

application software. Must have the ability to communicate orally and in writing, and work independently or under only general direction.

Functional Responsibility: Conducts research, develops and revises training courses, and prepares appropriate training catalogs. Assists with the development of instructor and student materials (course outline, background material, and training aids, course manuals, workbooks, handouts, completion certificates, and critique forms). Trains personnel by conducting formal classroom courses, workshops, seminars, and/or computer based/computer aided training.

Minimum Education: A Bachelor's Degree in any field. With a Master's Degree, four years of general experience of which two years must be specialized, is required. With a Ph.D., two years general experience of which at least one year must be specialized. With nine years of general experience of which at least seven years is specialized, a degree is not required.

64. Commercial Job Title: Technical Training Specialist II

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least two years must be specialized. Specialized experience includes experience in developing and providing technical and end-user training on computer hardware and application software. General experience includes information systems development, training, or related fields. Must have the ability to communicate orally and in writing.

Functional Responsibility: Conducts the research necessary to develop and revise training courses. Develops and revises these courses and prepares appropriate training catalogs. Prepares instructor materials (course outline, background material, and training aids). Prepares student materials (course manuals, workbooks, handouts, completion certificates, and course critique forms). Trains personnel by conducting formal classroom courses, workshops and seminars.

Minimum Education: A Bachelor's Degree in any field. With a Master's Degree, two years general experience of which at least one year must be specialized experience is required. With eight years of general experience of which six years is specialized, a degree is not required.

65. Commercial Job Title: Technical Training Specialist I

Minimum/General Experience: This position requires a minimum of two years' experience, of which at least one year must be specialized. Specialized experience includes developing and providing technical and end-user training on computer hardware and application software. General experience includes information systems development, training, or related fields. Must have the ability to communicate orally and in writing.

Functional Responsibility: Assists in conducting the research necessary to develop and revise training courses. Assists in developing and revising courses and training catalogs, instructor materials, and student materials. Assists in conducting formal classroom courses, workshops and seminars.

Minimum Education: A Bachelor's Degree in any field. With a Master's Degree, one year of general and one year of specialized experience is required. With four years of general experience of which two years is specialized, a degree is not required.

66. Commercial Job Title: Senior Training Specialist

Minimum/General Experience: This position requires a minimum of five years of general training experience and one year in microcomputer training and end user support. Must have experience in designing and developing microcomputer training courses. Must have knowledge

of products such as MS Word, WordPerfect, Excel, PowerPoint, DOS and Windows, and at least one database package. Must have experience developing material for use on the Internet using HTML.

Functional Responsibility: Assesses the training needs of the PC user community. Designs, develops and edits training materials for classroom use. Develops quick-reference materials for individual use in offices. Conducts classroom training on standard software applications. Evaluates computer-based training (CBT) and videotape training materials. Has an integral role in Internet activities. Uses HTML and various editing tools to create and prepare documents for publication on the Web. Develops course materials on using the Internet as it pertains to staff needs. Conducts training sessions on developing Web materials. Provides consulting on how to create HTML documents for publication on the Web, and on-site and telephone support to users.

Minimum Education: No Degree is required.

67. Commercial Job Title: Information Center Specialist

Minimum/General Experience: This position requires a minimum of three years' experience in managing information center facilities and services and two years' experience in training and assisting users in a wide variety of office automation products. Requires a broad knowledge of information services, and hardware and software configuration and installation skills. Must have excellent communication and teaching skills. Must have knowledge and experience in using WordPerfect, Microsoft Word, Excel, PowerPoint, Lotus 1-2-3 or Quattro Pro, Freelance, Harvard Graphics, Ventura or PageMaker, and at least one database management product. Must have knowledge of HTML.

Functional Responsibility: Maintains Information Center facilities and manages information center resources. Serves as expert resource in presentation graphics and desktop publishing. Must provide training and assistance on a one-on-one basis with users. Coordinates Help Desk activities and responds to user needs for assistance in office automation software. Conduct group training to users of all levels in a classroom setting.

Minimum Education: No Degree required.

68. Commercial Job Title: Senior Information Specialist

Minimum/General Experience: This position requires a minimum of three years' experience working with UNIX or DOS-based systems. Must be experienced with using HTML and various tools to create and convert documents for Web Publication. Must have experience writing Common Gateway Interface scripts, C, Perl and UNIX shell languages. Must have a working knowledge of at least one database management system.

Functional Responsibility: Works with UNIX and DOS-based systems. Creates and manipulate C, Perl and UNIX shell scripts. Supports Internet needs in developing Internet solutions in response to customer's needs.

Minimum Education: No Degree required.

69. Commercial Job Title: Applications Interoperability Task Lead

Minimum/General Experience: This position requires a minimum of five years of general experience. This includes experience with COTS office automation products, operating system configuration files, functions, configuration management, software distribution systems, laser printer configuration and drivers, basic programming and macro writing.

Functional Responsibility: Serves as a Task Leader for PC and LAN software configuration. Defines technical specifications, provides guidance and assistance in coordinating output and assuring the technical adequacy of the end product. Responsible for installed applications integration, methodologies, techniques, procedures, installation options, and practices required to effectively integrate applications interoperability. Configures, optimizes, installs, integrates, and supports assigned applications and operating system software. Performs Source control, configuration management, and release management. Writes requirements, user and configuration documentation. Prepares technical documentation. May supervise staff.

Minimum Education: No degree is required.

70. Commercial Job Title: Applications Interoperability Specialist

Minimum/General Experience: This position requires a minimum of one year of general experience. This includes experience with COTS office automation products, operating system configuration files, functions, configuration management, software distribution systems, laser printer configuration and drivers, basic programming and macro writing.

Functional Responsibility: Performs PC and LAN software configuration. Assists in defining technical specifications, providing guidance and assistance in coordinating output and assuring the technical adequacy of the end product. Configures, optimizes, installs, integrates, and supports assigned applications and operating system software. Installs software and conducts acceptance testing. Writes requirements, user and configuration documentation. Prepares technical documentation.

Minimum Education: No degree is required.

71. Commercial Job Title: Help Desk Manager

Minimum/General Experience: This position requires a minimum of seven years' experience, of which at least five years must be specialized. Specialized experience includes management of help desks in a multi-server environment, knowledge of PC operating systems, information systems development, and network and client/server systems. Ability to communicate orally and in writing and maintain a positive customer service attitude.

Functional Responsibility: Provides daily supervision and direction to staff who are responsible for phone and in-person support to users in the areas of e-mail, directories, standard desktop applications, and applications developed or deployed for the client.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With a Master's Degree, five years of general experience of which at least three is specialized. With ten years of general experience of which at least eight years is specialized, a degree is not required.

72. Commercial Job Title: Senior Help Desk Specialist

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least six years must be specialized. Specialized experience includes management of help desks in a multi-server environment, knowledge of PC operating systems, information systems development, and network and client/server systems. Ability to communicate orally and in writing and maintain a positive customer service attitude.

Functional Responsibility: At the direction of the Help Desk Manager, assists in management of phone and in-person support to users in the areas of e-mail, directories,

standard desktop applications, and applications developed or deployed for the client. Serve as the first point of contact for troubleshooting hardware and/or software PC and printer problems.

Minimum Education: An Associate's degree in Computer Science, Information Systems, Engineering, or related discipline. With a Bachelor's degree, six years' experience, of which four years is specialized, is required. With nine years of general experience, of which at least eight years is specialized, a degree is not required.

73. Commercial Job Title: Help Desk Specialist III

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes participating in help desk support in a multi-server environment, knowledge of PC operating systems, networking and mail standards, and supervision of help desk employees. General experience includes information systems development, network and other work in the client/server field, or related fields. Ability to communicate orally and in writing and maintain a positive customer service attitude is required.

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard desktop applications, and applications developed or deployed for the client. These personnel serve as the first point of contact for troubleshooting hardware and/or software PC and printer problems.

Minimum Education: An Associate's degree in Computer Science, Information Systems, Engineering, or a related discipline. With a Bachelor's degree, four years' experience, of which at least two years must be specialized. With nine years of general experience of which at least six years is specialized, a degree is not required.

74. Commercial Job Title: Help Desk Specialist II

Minimum/General Experience: This position requires a minimum of four years' experience, of which at least two years must be specialized. Specialized experience includes knowledge of PC operating systems, networking and mail standards, and work on a help desk. General experience includes information systems development and other work in the client/server field, or related fields. Ability to communicate orally and in writing and maintain a positive customer service attitude is required.

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard desktop applications, and applications developed for the client. Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems.

Minimum Education: An Associate's Degree in Computer Science, Information Systems, Engineering, or related discipline is required. With a Bachelor's Degree in Computer Science, Information Systems, Engineering, three years of general experience is required of which at least one year is specialized. With eight years of general experience of which at least six years is specialized, a degree is not required.

75. Commercial Job Title: Help Desk Specialist I

Minimum/General Experience: This position requires a minimum of two years' experience, of which at least one year must be specialized. Specialized experience includes knowledge of PC operating systems, networking and mail standards, and work on a help desk. General experience includes information systems development and other work in the client/server

field, or related fields. Ability to communicate orally and in writing and maintain a positive customer service attitude is required.

Functional Responsibility: Provides phone and in-person support to users in the areas of e-mail, directories, standard desktop applications, and applications developed for the client. Serves as the initial point of contact for troubleshooting hardware/software PC and printer problems.

Minimum Education: An Associate's Degree in Computer Science, Information Systems, Engineering, or related discipline is required. With a Bachelor's Degree in Computer Science, Information Systems, Engineering, one year of specialized experience is required. With four years of general experience of which at least two years is specialized, a degree is not required.

76. Commercial Job Title: Senior PC Support Specialist

Minimum/General Experience: This position requires a minimum of three years' experience with WordPerfect, Microsoft Word, Excel, PowerPoint, Lotus 1-2-3 or Quattro Pro, and Internet development tools. Must have comprehensive knowledge and experience in Freelance, Harvard Graphics, Ventura or PageMaker. Must have comprehensive knowledge and experience in Visual Basic, DOS programming, and one database management software product. Must have experience with network administration and TCP/IP configuration. Must have experience with IBM and compatible PC hardware and software configurations.

Functional Responsibility: Provides assistance to users in using a full range of computing resources. Performs all aspects of network administration including network resource monitoring, installation of network applications and Network Operating Systems (NOS) upgrades, communications configuration, troubleshooting. Conducts evaluations of new equipment and software and prepares recommendations for updating user computing resources. Participates in Help Desk activities. Develops procedures for end users with special requirements. Installs and troubleshoots computers and peripherals. May conduct training for users.

Minimum Education: No degree is required.

77. Commercial Job Title: PC Support Specialist

Minimum/General Experience: Must have two years of experience in assisting users and troubleshooting user problems in WordPerfect, Microsoft Word, Excel, PowerPoint and Lotus 1-2-3 or Quattro Pro. Must be an expert at hardware maintenance, configuration and installation combined with a broad knowledge of information services. Experience in training of at least two of the following: Microsoft Office, Internet browsers, or a database management software product. Experience with LAN and mainframe applications is preferred. Experience with programming techniques and languages sufficient to support office automation activities.

Functional Responsibility: Provides assistance to users with the full range of computing resources. Conducts evaluations of new equipment or software and prepares recommendations for updating user computing resources. Participates in Help Desk activities as part of customer response team for hardware and software problem solving. Provides hardware maintenance and repair support, installations, connections, setup and configuration of workstations, printers and other peripherals.

Minimum Education: No degree is required.

78. Commercial Job Title: User Support Specialist

Minimum/General Experience: This position requires a minimum of four years' experience in providing support to users of LAN and microcomputer systems. Must be familiar with and capable of performing all user assistance tasks including the installation and configuration of end-user PC hardware and software, PC troubleshooting, and assisting end-users in using standard COTS software packages. Must have working experience with COTS PC software including e-mail, spreadsheets, word processing, and database management systems. Must have strong communications skills.

Functional Responsibility: Responds to user assistance requests. Provides accurate and timely information and keeps peers and superiors advised of status of work, problems, and other pertinent information. Answers telephone calls and electronic mail from users requesting service, questions about hardware or software, and general comments. Logs calls and requests, assigns priority and tracks resolution. Provides technical assistance related to hardware, software and system use and documents common problems and solutions.

Minimum Education: No degree is required.

79. Commercial Job Title: Hardware Specialist

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes system analysis and evaluation of hardware capabilities and configurations. General experience includes increasing responsibilities with ADP systems, including systems analysis and programming.

Functional Responsibility: Reviews computer systems in terms of machine capabilities and man-machine interface. Prepares reports and studies concerning hardware. Prepares functional requirements and specifications for hardware acquisitions. Ensures that problems have been properly identified and solutions will satisfy the user's requirements.

Minimum Education: An Associate's Degree in Computer Science, Information Systems, Engineering, or related discipline is required. With a Bachelor's Degree, four years general experience is required, of which at least two years must be specialized. With nine years of general experience of which at least seven years is specialized, a degree is not required.

80. Commercial Job Title: Senior Hardware Installation Technician

Minimum/General Experience: This position requires a minimum of eight years' experience of which at least six years must be specialized. Specialized experience includes supervision of installation technicians, analysis, design, and installation of computer-based systems; analysis, design, and installation of local area networks; and analysis and installation of communication systems. General experience includes increasing responsibilities in technical management.

Functional Responsibility: Organizes and directs hardware installations on site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Analyzes and develops new hardware requirements and prepares specifications for hardware acquisitions. Manages preparation of engineering plans and site installation Technical Design Packages. Develops hardware installation schedules. Manages installation team. Manages preparation of drawings documenting configuration changes at each site. Prepares site installation and test reports. Coordinates post- installation operations and maintenance support.

Minimum Education: Minimum education requirement is a high school diploma. With an Associate's Degree, seven years of general experience of which at least five years must be

specialized. With a Bachelor's Degree, six years of general experience of which at least three years must be specialized.

81. Commercial Job Title: Hardware Installation Technician

Minimum/General Experience: This position requires a minimum of five years' experience of which at least three years must be specialized. Specialized experience includes analysis and installation of computer based systems; analysis and installation of local area networks; fiber optic cable installation; specialized interconnect cable design and fabrication; and analysis and installation of communications systems.

Functional Responsibility: Conducts site surveys; assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Analyzes existing requirements and prepares specifications for hardware acquisitions. Prepares engineering plans and site installation Technical Design Packages. Develops hardware installation schedules. Prepares drawings documenting configuration changes at each site. Prepares site installation and test reports. Configures computers, communications devices, and peripheral equipment. Installs network hardware. Trains site personnel in proper use of hardware. Builds interconnecting cables.

Minimum Education: Minimum education requirement is a high school diploma. With an Associate's Degree, four years general experience of which at least two years must be specialized experience is required. With a Bachelor's Degree, three years general experience of which at least one year must be specialized experience is required.

82. Commercial Job Title: Senior Network Installation Technician

Minimum/General Experience: This position requires a minimum of nine years' experience of which at least five years must be specialized. Specialized experience includes supervision of installation technicians; analysis, design, and installation of local and wide area nets; and analysis and installation of communication systems. Must be familiar with engineering documentation, network configurations and topologies. General experience includes increasing responsibilities in technical management.

Functional Responsibility: Organizes and directs network installations on site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Directs and leads preparation of engineering plans and site installation Technical Design Packages. Develops installation schedules. May manage network installation team. Directs and leads preparation of drawings documenting configuration changes at each site. Prepares site installation and test reports. Coordinates post installation operations and maintenance support.

Minimum Education: Minimum education requirement is a high school diploma. With an Associate's Degree, eight years general experience of which at least four years must be specialized experience is required. With a Bachelor's Degree, six years general experience of which at least three years must be specialized experience is required.

83. Commercial Job Title: Network Installation Technician

Minimum/General Experience: This position requires a minimum of five years' experience of which at least three years must be specialized. Specialized experience includes analysis, design, and installation of local area networks; and analysis and installation of communications systems. Specialized experience includes use of engineering documentation, network configurations and topologies. General experience includes increasing responsibilities

in technical management.

Functional Responsibility: Conducts site surveys. Assesses and documents current site network configuration and user requirements. Designs and optimizes network topologies. Must have the ability to follow engineering plans and site installation Technical Design Packages. Develops installation schedules. Works with network installation team. Assists in the preparation of drawing and documenting configuration changes at each site. Prepares site installation and test reports.

Minimum Education: Minimum education requirement is a high school diploma. With an Associate's Degree, four years of general experience of which at least two years must be specialized. With a Bachelor's Degree, three years of general experience of which at least one year must be specialized.

84. Commercial Job Title: Senior Network Engineer

Minimum/General Experience: This position requires six years of general and five years of specialized experience in planning, design, implementation, and sustainment of complex information networks for specific applications, including medical, clinical, LAN/WAN network or Internet-based systems.

Functional Responsibility: Provides support to senior project staff in area of LAN/WAN installation and implementation. Specific tasks include: define/refine LAN/WAN requirements; work with equipment vendors to implement approved solutions to site-unique performance requirements and configuration issues; ensure network infrastructure will support facility/system vision; and validate functionality of the installed LAN/WAN components. Participation at project sites during installation and implementation and, if necessary, at vendor locations during system pre-testing. Provide continuous technical support and interface between system vendors and project managers through completion of installation and acceptance testing phase for resolution of configuration issues. May serve as Task Lead.

Minimum Education: A bachelor's degree in computer science or related field is required. With ten years' experience of which eight is specialized, no degree is required.

85. Commercial Job Title: Tele-medical Network Technician

Minimum/General Experience: This position requires four years' experience with clinical or biomedical systems, and extensive experience in planning, implementation, and sustainment of diagnostic imaging systems and networks.

Functional Responsibility: Provides support to site-specific project manager in areas of workflow definition, acquisition modality interface requirements, and clinical transition to the digital/telemedicine environment. Validate clinical workflow requirements; ensure interface requirements for modalities are met; ensure site-unique performance requirements and workflow configuration issues are addressed; ensure appropriateness of modalities and interfaces; and ensure project success from a modality interface standpoint. Provide continuous technical support and interface between equipment vendors and project managers through completion of installation and acceptance testing phase for resolution of modality configuration and workflow issues.

Minimum Education: A Bachelor's degree in computer science or related field is required.

86. Commercial Job Title: Network Technician

Minimum/General Experience: This position requires two years general and one year

specialized experience. Specialized experience includes implementation, operations and maintenance of communications networks and systems.

Functional Responsibility: Provides support to project staff in LAN/WAN installation and implementation including working with equipment vendors to implement approved solutions to site-unique performance requirements and configuration issues; ensure network infrastructure will support facility/system vision; and validate functionality of the installed LAN/WAN components. Participate during installation and implementation and, if necessary, at vendor locations during system pre-testing. Provide continuous technical support and interface between system vendors and project managers through completion of installation and acceptance testing phase to resolve configuration issues.

Minimum Education: A bachelor's degree in computer science or related field is required. With four years general experience and two years specialized experience, a degree is not required.

87. Commercial Job Title: Communications Network

Minimum/General Experience: This position requires a minimum of seven years' experience of which five years must be specialized. Specialized experience includes protocol analysis, knowledge of OSI protocols, ATM, frame relay, knowledge of bridges, routers, gateways, FDDI, and detailed knowledge of network operating systems. Supervises the operation and maintenance of communication network systems that may be mainframe, mini, or client/server based. General experience includes all aspects of communication networks planning, installation, and support.

Functional Responsibility: Evaluates communication hardware and software, troubleshoots LAN/MAN/WAN and other network related problems, and provides technical expertise for performance and configuration of networks. Performs general LAN/MAN/WAN administration, provides technical leadership in the integration and test of complex large- scale computer integrated networks. Schedules conversions and cut-overs. Oversees network control center. Supervises maintenance of systems. Coordinates with users and sites. Supervises staff.

Minimum Education: A Bachelor's Degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's Degree, five years of general experience of which at least three years must be specialized. With eleven years of general experience of which at least nine years is specialized, a degree is not required.

88. Commercial Job Title: Communications Specialist

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized experience in communications software, communications hardware or networks. General experience includes all aspects of communication networks. Communications hardware specialized experience includes installing, testing, and operating network and computer (host) communications; using and implementing communications hardware and electrical standards, using communications hardware test and monitoring equipment and analyzing the results. Communications software specialized experience includes developing, testing, installing, and operating network and computer (host) communications software; using and implementing communications standards. Network experience includes designing, testing, installing, implementing, and maintaining computer networks; using and implementing network standards, operating computer networks; identifying and solving problems, restart/recovery, and optimizing network performance, and implementing accounting and charge back systems.

Functional Responsibility: Analyzes network characteristics and recommends procurement, removals, and modifications to network components. Designs and optimizes network topologies and site configurations. Plans installations, transitions, and cutover of network components and capabilities. Coordinates requirements with users and suppliers.

Minimum Education: A Bachelor's degree is required. With a Master's Degree, five years of general experience of which at least three years must be specialized. With ten years of general experience of which at least eight years is specialized, a degree is not required.

89. Commercial Job Title: Senior Telecommunications Analyst

Minimum/General Experience: This position requires a minimum of seven years' experience in planning, configuring and maintaining LAN and WAN communication facilities, network administration, Internet services, building Web servers, using HTML and various tools to create and convert documents for publication on the WWW. Must also have experience writing Common Gateway Interface (CGI) scripts in C, Perl and Unix shell languages. Must have experience programming using C, Visual Basic and DOS batch languages as they relate to network administration.

Functional Responsibility: Develops system configuration and planning. Develops system configuration documentation. Performs telecommunication problem management and resolution, Coordinates system changes with other members of the systems group. Installs, configures and maintains routers, multiplexers, modems and other Local and Wide Area Network (WAN) hardware. Performs monitoring of communications systems to locate potential problems. Collects performance statistics to be used for load balancing and network optimization. Evaluates new hardware and software to determine impact on network and servers, configures and maintains software and hardware used to provide internet services. Works with other department components to configure and coordinate changes to the WAN system. Performs other communications related tasks.

Minimum Education: No Degree is required.

90. Commercial Job Title: Telecommunications Analyst

Minimum/General Experience: This position requires a minimum of five years' experience in planning, configuring and maintaining LAN and WAN communication facilities, network administration, Internet services, building Web servers, using HTML and various tools to create and convert documents for publication on the WWW. Must also have experience writing Common Gateway Interface (CGI) scripts in C, Perl and Unix shell languages. Must have experience programming using C, Visual Basic and DOS batch languages as they relate to network administration.

Functional Responsibility: Develops system configuration documentation. Performs telecommunication problem resolution and coordinates system changes. Installs, configures and maintains routers, multiplexers, modems and other Local and Wide Area Network (WAN) hardware. Performs monitoring of communications systems to locate potential problems. Collects performance statistics, and works with other departments to configure and coordinate changes to the network systems. Performs other communications related tasks.

Minimum Education: No Degree is required.

91. Commercial Job Title: Senior LAN Analyst

Minimum/General Experience: This position requires a minimum of four years' experience

designing, installing, upgrading and debugging local area network systems, hardware troubleshooting and repair, operating system installations and upgrades, and configuration management. Must have experience as a team member for triage troubleshooting both network servers and network nodes, including PCs, printers, and other peripherals. Must have experience in designing test environments for new applications against existing network environments and topologies.

Functional Responsibility: Configures and installs LAN hardware and software. Optimizes performance. Conducts new products evaluations. Trains staff in systems use. Develops LAN systems documentation. Coordinates systems changes and upgrades. Writes systems applications and utilities. Troubleshoots problems on the network. Provides technical support for Wide Area Networks and connectivity standards. Performs other systems related tasks.

Minimum Education: No Degree is required.

92. Commercial Job Title: LAN Analyst

Minimum/General Experience: This position requires a minimum of three years' experience installing, upgrading and debugging local area network systems, hardware troubleshooting and repair, operating system installations and upgrades, and configuration management. Must have experience as a team member for triage troubleshooting both network servers and network nodes, including computer, printers, and other peripherals. Must have experience in designing test environments for new applications against existing network environments and topologies.

Functional Responsibility: Optimizes performance, conducts new products evaluations, trains staff in systems use, develops LAN systems documentation, coordinates systems changes and upgrades, writes systems applications and utilities, troubleshoots problems on the network, provides technical support for Wide Area Networks and connectivity, performs other systems related tasks, assists System Administrator.

Minimum Education: No Degree is required.

93. Commercial Job Title: Senior Documentation Specialist

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes preparing technical documentation, which is to include researching for applicable Government and industry documentation standards. General experience includes technical writing and documentation experience.

Functional Responsibility: May serve as a Task Leader. Gathers, analyzes, and composes technical information. Manages the preparation of technical and user documentation. Ensures the use of proper technical terminology. Translates technical information into clear, readable documents to be used by technical and non-technical personnel.

Minimum Education: An Associate's degree is required. With a Bachelor's Degree, four years of general experience of which at least two years must be specialized. With eight years of general experience of which at least six years is specialized, a degree is not required.

94. Commercial Job Title: Documentation Specialist

Minimum/General Experience: This position requires a minimum of three years' experience, of which at least two years must be specialized. Specialized experience includes preparing technical documentation, which is to include researching for applicable Government

and industry documentation standards. General experience includes technical writing and documentation experience.

Functional Responsibility: Gathers, analyzes, and composes technical information. Ensures the use of proper technical terminology. Translates technical information into clear, readable documents to be used by technical and non-technical personnel.

Minimum Education: An Associate's degree is required. With a Bachelor's Degree, two years of general experience of which at least one year must be specialized. With six years of general experience of which at least four years is specialized, a degree is not required.

95. Commercial Job Title: Senior Technical Writer/Editor

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least eight year must be specialized. Specialized experience includes demonstrated experience in editing documents, including technical documents.

Functional Responsibility: Collects and organizes information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents. Manages all aspects of materials preparation. Supervises technical writing staff.

Minimum Education: A Bachelor's Degree in English, Literature, or a related discipline. With a Master's Degree, eight years of general experience of which at least six years must be specialized. With fifteen years of general experience of which at least twelve years is specialized, a degree is not required.

96. Commercial Job Title: Technical Writer/Editor III

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least six years must be specialized. Specialized experience includes demonstrated experience in editing documents, including technical documents.

Functional Responsibility: May serve as a Task Leader. Collects and organizes information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents.

Minimum Education: A Bachelor's Degree in English, Literature, or a related discipline. With a Master's Degree, six years of general experience of which at least four years must be specialized. With twelve years of general experience of which at least ten years is specialized, a degree is not required.

97. Commercial Job Title: Technical Writer/Editor II

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized. Specialized experience includes demonstrated experience in editing documents, including technical documents.

Functional Responsibility: Collects and organizes information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents.

Minimum Education: A Bachelor's Degree in English, Literature, or a related discipline. With a Master's Degree, four years of general experience of which at least two years must be specialized. With ten years of general experience of which at least eight years is specialized, a degree is not required.

98. Commercial Job Title: Technical Writer/Editor I

Minimum/General Experience: This position requires a minimum of three years of general experience of which at least one year must be specialized. Specialized experience includes demonstrated experience in editing technical documents.

Functional Responsibility: Assists in collecting and organizing information required for preparation of user's manuals, training materials, installation guides, proposals, and reports. Edits functional descriptions, system specifications, user's manuals, special reports, or any other customer deliverables and documents.

Minimum Education: A Bachelor's Degree in English, Literature, or a related discipline. With a Master's Degree, two years of general experience is required of which one year is specialized. With seven years of general experience of which at least five years is specialized, a degree is not required.

99. Commercial Job Title: Senior Computer Security Systems Specialist

Minimum/General Experience: This position requires a minimum of ten years' experience, of which at least eight years must be specialized experience in defining computer security requirements for high level applications, evaluation of approved security product capabilities, and developing solutions to multi-level security problems.

Functional Responsibility: Manages the analysis of security requirements for multi-level security issues. Manages the design, development, engineering, and implementation of solutions to multi-level security requirements. Responsibilities include implementation and development of multi-level security, as well as organizing technical information about an organization's mission, goals and needs, existing security products, and ongoing programs in the multi-level security arena. Performs risk analyses which includes risk assessment. Provides daily supervision and direction to staff.

Minimum Education: A Bachelor's degree in Electrical Engineering, Information Science, Information Systems, Computer Science, or related discipline. With a Master's Degree, eight years of general experience of which at least seven years must be specialized. With a Ph.D., six years general experience of which at least five years must be specialized. With thirteen years of general experience of which at least eleven years is specialized, a degree is not required.

100. Commercial Job Title: Computer Security Systems Specialist II

Minimum/General Experience: This position requires a minimum of eight years' experience, of which at least six years must be specialized experience in defining computer security requirements for high level applications, evaluation of approved security product capabilities, and developing solutions to security problems.

Functional Responsibility: Analyzes and defines security requirements for multi-level security issues. Designs, develops, engineers, and implements solutions to multi-level security requirements. Responsibilities include implementation and development of multi-level security, as well as organizing technical information about an organization's mission, goals and needs, existing security products, and ongoing programs in the multi-level security arena. Performs risk analyses which includes risk assessment.

Minimum Education: A Bachelor's degree in Electrical Engineering, Information Science, Information Systems, Computer Science, or related discipline. With a Master's Degree, seven years of general experience of which at least five years must be specialized. With twelve years of general experience of which at least ten years is specialized, a degree is not required.

101. Commercial Job Title: Computer Security Systems Specialist I

Minimum/General Experience: This position requires a minimum of six years' experience, of which at least four years must be specialized experience in defining computer security requirements for high level applications, evaluation of approved security product capabilities, and developing solutions to multi-level security problems.

Functional Responsibility: Assists in the analysis, design, development, engineering, and implementation of solutions to multi-level security requirements. Gathers and organizes technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the multi-level security arena. Assists in performing risk analyses that also includes risk assessment.

Minimum Education: A Bachelor's degree in Electrical Engineering, Information Science, Information Systems, Computer Science, or related discipline. With a Master's Degree, four years of general experience of which at least two years must be specialized. With eight years of general experience of which at least six years is specialized, a degree is not required.

102. Commercial Job Title: Senior Web Graphics Specialist

Minimum/General Experience: This position requires five years general experience in graphics design, art, computer science, or related discipline; and three years specialized experience in web design. Specialized experience includes developing web-based graphic/artistic presentations, publications and documents. Requires experience using commercial graphic processing tools such as Flash, Shockwave, Dreamweaver, PhotoShop, Illustrator and other web graphic systems.

Functional Responsibility: Prepares web deployed graphics and develops and updates web sites. Provides creative input and direction to web page design and layout, including artwork, text, and hyperlinks. Able to design web sites including site maps, and enhance and provide ongoing web site support. Requires experience with programming using Perl, C, C++, CGI, or Java. Responsible for integrating web graphics with text, databases, automated tools, Listservs, and creating site and user documentation. May be Task Lead or train others in use of graphics products.

Minimum Education: Requires a Bachelor's degree. With seven years of general and five years of specialized experience, no degree is required.

103. Commercial Job Title: Senior Administrative Support/Graphics Specialist

Minimum/General Experience: This position requires a minimum of six years of general experience of which at least four years must be in specialized in office administration and developing graphic /artistic presentations for publications and documents, and experience using commercial automated word processing, graphics systems, and desktop publishing systems.

Functional Responsibility: 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 these documents. Responsible for integrating the graphics generated with automated tools and the deliverable documents.

Minimum Education: An Associate's Degree. With a Bachelor's Degree, four years of general experience of which at least two years must be specialized.

104. Commercial Job Title: Web Graphics Specialist

Minimum/General Experience: This position requires experience in web graphics and design, art, computer science, graphics design or related discipline. Three years general experience, of which two years must be specialized are required. Specialized experience includes developing web graphic/artistic presentations for clients, publications and documents, and experience using commercial automated graphic processing tools such as Flash, Shockwave, Dreamweaver, PhotoShop, Illustrator and other web graphic systems.

Functional Responsibility: Prepares presentation graphics and supports the development and updating of web sites. Provides creative input and direction to web page design and layout, including artwork, text, and hyperlinks. Responsible for integrating web graphics with text generated with automated tools and the deliverable documents.

Minimum Education: No degree is required. With an Associate Degree, two years general and one year of specialized experience are required.

105. Commercial Job Title: Web Animation Specialist

Minimum/General Experience: This position requires four years general and two years specialized experience in animation, graphic design or a related discipline. Specialized experience includes developing animated graphic/artistic presentations for web sites, training materials or distance learning products. Requires experience using graphic animation and desktop publishing products such as FrontPage, PageMaker, PhotoShop, Quark Xpress, and Adobe products. Requires experience creating and editing web video, and HTML and Java.

Functional Responsibility: Prepares animated graphics and supports the development and updating of web sites, preparing animated graphic presentations for the web. Provides direction on web application layout to maximize efficiency, ease of use, and overall site presentation, content, accessibility and usability. Assists in the design of Internet/Intranet sites. Designs, creates, maintains and edits HTML documents. Ensures posting of latest site content to the Web. Creates animated graphic and mapped images. Responsible for integrating animated graphics and web page text.

Minimum Education: A degree is not required.

106. Commercial Job Title: Administrative Support/Graphics Specialist

Minimum/General Experience: This position requires a minimum of two years' experience in office administration and developing graphic/artistic presentations for publications and documents and one year of specialized experience using commercial automated word processing, graphics systems, and desktop publishing systems.

Functional Responsibility: 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 these documents. Responsible for integrating the graphics generated with automated tools and the deliverable documents.

Minimum Education: A high school diploma. With an Associate's Degree, one year general experience of which at least one year is specialized experience is required.

107. Commercial Job Title: Administrative Assistant

Minimum/General Experience: This position requires supporting corporate management in business administration and marketing functions. No prior experience is required.

Functional Responsibility: Provides administrative support for project managers and staff for project coordination. Specific tasks include development of project and marketing materials; coordination of client and site visits; conferences, and meetings, and other tasks as required.

Minimum Education: A high school diploma is required.

108. Commercial Job Title: Senior Workshop Coordinator

Minimum/General Experience: This position requires three years' experience and two years of specialized experience related to their technical discipline, including experience working with Government, commercial or non-profit staff and as a team leader/coordinator/project manager.

Functional Responsibility: Manages meeting planning staff. Responsible for logistics or operations support activities for workshop, workgroup or Joint Application Design/Development (JAD) activities. Coordinates efforts to define objectives and requirements of work group and/or JAD sessions. Establishes schedules; contacts attendees/group members and recruits participation in specific programs; arranges travel; conducts site visits and negotiates hotel contracts; provides logistical support during meetings and supervises on-site staff. Resolves problems identified during voucher review process. Provides weekly and monthly status reports.

Minimum Education: A Bachelor's Degree is required. With a Master's Degree, two years of general experience of which at least one year must be specialized is required. With eight years of general experience of which at least five years is specialized, a degree is not required.

109. Commercial Job Title: Workshop Coordinator II

Minimum/General Experience: This position requires a minimum of six years of general experience including four years of specialized experience working with Government officials.

Functional Responsibility: Plans, manages and coordinates workshop, work group or Joint Application Design/Development (JAD) activities. Assists in defining objectives and requirements of work group and/or JAD sessions. Responsibilities include reviewing and updating databases; maintaining current lists and data in databases; assisting in identifying and recruiting meeting attendees/group members. Manages all pre-meeting and on-site preparation, audio-visual, presentation materials, and on-site workshop activities.

Minimum Education: A Bachelor's degree. With a Master's Degree, four years of general experience of which at least two years must be specialized. With ten years of general experience of which at least eight years is specialized, a degree is not required.

110. Commercial Job Title: Workshop Coordinator I

Minimum/General Experience: This position requires a minimum of two years of general experience including one year of specialized experience working with Government officials.

Functional Responsibility: Assists in planning, managing and coordinating workshops, work group or Joint Application Design/Development (JAD) activities. Assists in defining objectives and requirements of work group and/or JAD sessions. Responsibilities include reviewing and updating databases; maintaining current lists and data in databases; assisting in identifying and recruiting meeting attendees/group members. Assists in pre-meeting and on-site preparation, audio-visual, presentation materials, and on-site workshop activities.

Minimum Education: A Bachelor's degree. With six years of general experience of which at least four years is specialized, a degree is not required.

111. Commercial Job Title: Senior Internet Support Specialist

Minimum/General Experience: This position requires a minimum of six years of general experience and four years of specialized experience working in an Internet environment. Specialized experience includes HTML authoring, graphics design, and knowledge of Web/Internet technologies. Must have strong technical analysis, systems integration and communications skills. Must have Microsoft Windows, NT and Netscape experience.

Functional Responsibility: Manages group responsible for resolving Internet issues. Design Internet/Intranet sites. Design, create, maintain, and copy edit HTML documents. Ensure posting of latest data to Web. Create graphic images and mapped images. Serves as Project or Task Manager.

Minimum Education: No Degree is required.

112. Commercial Job Title: Internet Support Specialist

Minimum/General Experience: This position requires a minimum of five years of general experience and two years of specialized experience working in an Internet environment. Specialized experience includes HTML authoring, graphics design, and knowledge of Web/Internet technologies. Must have strong technical analysis, systems integration and communications skills. Must have Microsoft Windows, NT and Netscape experience.

Functional Responsibility: Responsible for resolving Internet issues. Assist in the design of Internet/Intranet sites. Design, create, maintain, and copy edit HTML documents. Ensure posting of latest data to Web. Create graphic images and mapped images.

Minimum Education: No Degree is required.

113. Commercial Job Title: Internet Support Specialist II

Minimum/General Experience: This position requires a minimum of three years of general experience and one year of specialized experience working in an Internet environment. Specialized experience includes HTML authoring, graphics design, and knowledge of Web/Internet technologies. Must have good technical analysis, systems integration and communications skills.

Functional Responsibility: Assists in resolving Internet issues, and the design of Internet/Intranet sites. Designs, creates, maintains, and edits HTML documents. Ensures posting of latest data to Web. Creates graphic images and mapped images.

Minimum Education: No Degree is required.

114. Commercial Job Title: Internet Support Specialist I

Minimum/General Experience: This position requires a minimum of one year of general experience and training in an Internet environment. Training must include HTML authoring, graphics design, and Web/Internet technologies. Must have good technical analysis, systems integration and communications skills.

Functional Responsibility: Assists in the design of Internet/Intranet sites including the design, creation, maintenance, and editing of HTML documents. Responsibilities include posting latest data to the Web. Creates graphic images and mapped images.

Minimum Education: No Degree is required.

115. Commercial Job Title: Groupware Systems Developer Task Lead

Minimum/General Experience: This position requires a minimum of five years of general experience, of which at least three years must be Groupware specific. Excellent presentation, writing and communication skills are required.

Functional Responsibility: Serves as a certified Lotus Notes Principle System Developer on a project team for groupware development projects. May serve as a Team Leader. Works with project teams, and users to accomplish the objectives of projects that may include business process analysis and redesign, infrastructure design and deployment planning, application development, and legacy system integration. Leads Rapid Application Development tasks. Develops software using Lotus Notes development tools including Lotus Script. Supervises groupware development staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With eight years' experience, of which six is specialized and three is Groupware specific, no degree is required.

116. Commercial Job Title: Groupware Senior Systems Developer

Minimum/General Experience: This position requires a minimum of five years of general experience. Excellent presentation, writing and communication skills are required.

Functional Responsibility: Serves as a Lotus Notes System Developer on a project team for groupware development projects. Works with project teams, and users on projects that may include business process analysis and redesign, infrastructure design and deployment planning, application development, and legacy system integration. Performs Rapid Application Development tasks including analysis, design, prototype, programming, testing, and configuration management. Develops software using Lotus Notes development tools including Lotus Script.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With eight years' experience, of which six is specialized, no degree is required.

117. Commercial Job Title: Groupware Systems Developer

Minimum/General Experience: This position requires a minimum of three years of generalized experience. Experience includes systems integration, applications development,

system architecture design, and business analysis. Good writing and communication skills are required.

Functional Responsibility: Works at the direction of a Senior Groupware Systems Developer as a Lotus Notes System Developer for groupware development projects. Performs Rapid Application Development tasks including analysis, design, prototype, programming, testing, and configuration management. Develops software using Lotus Notes development tools including Lotus Script.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With six years' experience, of which four is specialized, no degree is required.

118. Commercial Job Title: Groupware Senior Systems Administrator

Minimum/General Experience: This position requires a minimum of five years of experience. Experience includes systems integration, system architecture design, Notes deployment, network designs and business analysis, managing large LAN/WAN/Telecommunication systems. Requires knowledge of network management tools and messaging, LAN/WAN architectures, and WWW/HTML. Excellent presentation, writing and interpersonal communications skills required.

Functional Responsibility: Serves as a certified Lotus Notes System Administrator. Provides planning, scheduling and operational support for the Notes deployments. Develops project plans and schedules, supports users, configures, integrates, maintains, and installs Lotus Notes groupware on client desktops. Develops Notes system architecture, infrastructure, and system administration technical approaches. Monitors project schedules and tasks, adjusting plans to accommodate changes. Writes ADP technical documentation. Manages task performance to assure completion, and assigns resources or arranges assignments as needed to complete the tasks within the required schedule. Supervises groupware systems administration staff.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With eight years' experience, of which six is specialized, no degree is required.

119. Commercial Job Title: GroupWare Systems Administrator

Minimum/General Experience: This position requires a minimum of three years of experience. Requires knowledge of network management tools and messaging, LAN/WAN architectures, and WWW/HTML. Excellent presentation, writing and communications skills required.

Functional Responsibility: Serves as a Lotus Notes System Administrator to provide planning and scheduling for Notes deployment. Provides operational support for the deployment of Lotus Notes groupware. Resolves software problems that may occur with the Notes deployment and identifies recommended software modifications to the systems to improve performance and usability. Assists in developing comprehensive Notes system architecture, infrastructure, and system administration technical approaches.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With six years' experience, of which four is specialized, no degree is required.

120. Commercial Job Title: GroupWare Systems Analyst

Minimum/General Experience: This position requires a minimum of two years of experience.

Experience includes systems integration, system architecture design, Notes deployment, network designs and business analysis, management of LAN/WAN/Tele- communication systems. Excellent presentation, writing and communications skills required.

Functional Responsibility: Serves as a Lotus Notes consultant to provide planning, reviewing and scheduling for the Notes deployment, technical approach and Notes architecture/infrastructure administration plans. Reviews system architecture and infrastructure designs for the deployment of Lotus Notes groupware to ensure the deployment of Notes is functional and meets quality standards. Resolves software problems, identifies recommended software modifications, develops project plans, and schedules Notes deployments to Notes servers.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With six years' experience, of which four is specialized, no degree is required.

121. Commercial Job Title: Junior GroupWare Systems Administrator

Minimum/General Experience: This position requires a minimum of two years of experience. Requires knowledge of network management tools and messaging, LAN/WAN architectures, and WWW/HTML. Excellent presentation, writing and communications skills required.

Functional Responsibility: Assists a Lotus Notes System Administrator to provide planning and scheduling for Notes deployment. Provides operational support for the deployment of Lotus Notes Groupware. Resolves software problems that may occur with the Notes deployment and identifies recommended software modifications to the systems to improve performance and usability. Assists in developing comprehensive Notes system architecture, infrastructure, and system administration technical approaches.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, or other related discipline. With four years' experience, of which two are specialized, no degree is required.

122. Commercial Job Title: Junior Groupware Developer

Minimum/General Experience: This position requires a minimum of two years of experience. Experience includes software development and support, Lotus Notes development training or related experience working on software development projects. A good understanding of requirements for windowed software development is required. Good verbal and written communication skills are required.

Functional Responsibility: Serves as a developer on a project team for groupware development projects. Works with other team members on projects encompassing business process analysis and design, application development and legacy system integration. Participates in JAD/RAD development projects in support of the more senior development staff. This includes interviewing end-users, note taking at JAD sessions and limited facilitation of JAD events. Supports the development of analysis and design documentation, diagrams, data dictionaries and users' documentation. Develops software using Lotus Notes development tools.

Minimum Education: An Associate's degree in Computer Science, Information Science, Engineering or other related discipline. With four years' experience, of which two is specialized, no degree is required.

123. Commercial Job Title: Certified Groupware Development Task Lead

Minimum/General Experience: This position requires a minimum of four years of experience of which two years must be as a Certified Lotus Notes Developer. Experience includes software development using Lotus Notes and experience working on software applications development projects. A good understanding of requirements for windowed software development is required. Good verbal and written communication skills are required.

Functional Responsibility: Serves as a task leader on a project team for groupware applications development projects and is the official day-to-day point of contact on each designated project with the Government staff members. Responsible for the applications development life cycle management of projects, including project reporting, and overall tasks management, assuring that team members provide the proper services and completes deliverable items in an acceptable and timely manner. Directs and schedules the activities of each designated project: and facilitates and monitors performance of team members in multiple groupware development tasks. Applies the RAD Management strategy to tailor the approaches to solve the problems in areas such as electronic commerce, enterprise messaging, organizational performance, reports and other major groupware initiatives. Develops applications software using Rapid applications Development techniques. Writes and edits technical documentation and support correspondence.

Minimum Education: An Associate's degree in Computer Science, Information Science, Engineering or other related discipline and is a certified Lotus Notes Developer. With eight years' experience, of which four is specialized, no degree is required.

124. Commercial Job Title: Microsoft Applications Interoperability Specialist

Minimum/General Experience: This position requires a minimum of four years' experience, of which two years must be as a Microsoft Certified Systems Engineer. Experience working with office automation projects (e.g. Microsoft Office 97) is required. Any experience with Word Perfect for Windows, Windows based graphic or desktop printing is preferred. Knowledge of Windows 95/98/2000 configuration files, DOS functions, operating system scripting, basic programming or macro writing skill is required. Must be able to prepare technical documentation. Must have experience in software distribution systems that can apply upgrades to PC's and LAN's. Must have Microsoft Windows NT Server knowledge.

Functional Responsibility: Serves as a senior Microsoft consultant on a project team for PC and LAN software configurations and automation packages. Reviews installed applications to ensure that they work in a cohesive and symbiotic manner. Examines each application to determine methodologies, technologies, procedures, installation options, and practices that can be utilized or implemented to effectively integrate application interoperability in the most efficient and effective manner. Configures, optimizes, installs, integrates and supports assigned applications and operating system software. Performs source control, configuration management, and release management. Develops business solutions using integrated commercial packages. Must be able to write script language, macros, or control source for assigned products. Analyzes end-user requirements for commercial office automation products. Measures and evaluates software performance and plans and performs software or data conversions. Installs software, conducts acceptance testing, and writes requirements, user and configuration documentation. Manages client/server database management systems and network for test network.

Minimum Education: Must have certification as a Microsoft Certified Systems Engineer (MCSE) and an associate degree in Computer Science, Information Science, Engineering or a

related discipline. With seven years' experience, of which three is as a MCSE, no degree is required.

125. Commercial Job Title: Senior Microsoft Certified NT Systems Engineer

Minimum/General Experience: This position requires a minimum of eight years' experience, of which four years must be as a Microsoft Certified Systems Engineer. Experience working with Microsoft NT and Windows 95 office automation projects is required. Knowledge of NT, Windows 95, Windows, Windows configuration files, DOS functions, operating system scripting, basic programming or macro writing skill is required. Must be able to prepare technical documentation. Must have experience in software distribution systems that can apply upgrades to PC's and LAN's.

Functional Responsibility: Serves as the technical lead for all Microsoft NT, Windows 95/98 and 2000, Microsoft Office 97, and legacy COTS migration efforts and activities. Conduct requirements analyses of COTS and legacy applications software. Conduct reviews of the Windows 95 configurations. Develop project plans, milestones and due dates of how to accomplish the migration of the current COTS and legacy applications to the new Windows NT platform. Determine methodologies and best practices in migrating Office 97 and other new applications to the Windows NT Server. Provide Office 97 and Windows 95 training. Manage installation of products on desktops. Identify and resolve issues related to Office 97/windows NT/legacy applications interoperability issues. Identify and recommend options in deploying and inserting selected software elements into Windows 95/Windows NT system. Provide weekly status and other reports that may be identified.

Minimum Education: Must have certification as a Microsoft Certified Systems Engineer (MCSE) and a Bachelor's degree in Computer Science, Information Science, Engineering or other related discipline. With ten years' experience, of which six is as a MCSE, no degree is required.

126. Commercial Job Title: Materials Management Assistant

Minimum/General Experience: This position requires six months of experience related to their technical discipline.

Functional Responsibility: Assists with the day-to-day grant review operations. Receives and logs-in grant proposals; performs quality control, duplication and distribution of applications to reviewers. Assists with development of training and reporting materials. Performs database management, data entry, and report generation. Performs application score calculations. Develops decision memoranda for program office. Files applications and receives returned applications. Generates letters of award and rejection with summarized reviewer comments.

Minimum Education: A Bachelor's Degree is required. With one year of general office experience, a degree is not required.

127. Commercial Job Title: Principal Research Analyst

Minimum/General Experience: This position requires a minimum of seven years general experience including five years specialized experience in research. Training in research methods is required.

Functional Responsibility: Manages research studies, develops sampling plans, develops questionnaires, conduct pre-tests, collects data on-site, by mail, or telephone as required. Analyzes data using advanced statistical methods. Writes reports, presents briefings to government officials. Supervises staff including interviewers, statisticians, writers, and coders.

Minimum Education: Master's Degree is required. With a Ph.D., five years of general and three years of specialized research experience is required.

128. Commercial Job Title: Senior Research Analyst

Minimum/General Experience: This position requires five years of general experience, including four years of specialized experience in research. Training in research methods is required.

Functional Responsibility: Manages research studies, develops sampling plans, develops questionnaires, conduct pre-tests, collects data on-site, by mail or telephone as required. Analyzes data using advanced statistical methods. Writes reports, presents briefings to government officials. Supervises staff including interviewers, statisticians, writers, and coders.

Minimum Education: A Master's Degree is required. With a Ph.D., three years of specialized research experience is required.

129. Commercial Job Title: Research Analyst II

Minimum/General Experience: This position requires a minimum of four years general; two years' experience in research. Training in research methods is required.

Functional Responsibility: Assists in conducting research studies, develops questionnaires, conducts pre-tests, collects data on-site, by mail, or telephone as required. Analyzes data using statistical methods. Writes reports and presents briefings to government officials. Coordinates and participates in conference calls related to the ongoing support of meetings and prepares meeting minutes summarizing discussions during conference calls and meetings. Requires good oral and written communication and presentation skills. May supervise junior staff.

Minimum Education: A Bachelor's Degree in a field relevant to the project or task is required. With a Master's Degree in a field relevant to the project or task, three years general experience, of which two years must be specialized in social science or clinical research. With a Ph.D. in a field relevant to the project or task, two years research experience during graduate studies is sufficient.

130. Commercial Job Title: Research Analyst

Minimum/General Experience: This position requires three years of general experience, with two years' experience in research and training in research methods.

Functional Responsibility: Assists in conducting research studies, develops sampling plans, develops questionnaires, conducts pre-tests, and collects data on-site, by mail or telephone as required. Analyzes data using advanced statistical methods. Writes reports and presents briefings to government officials. May supervise junior staff.

Minimum Education: A Bachelor's Degree in a field relevant to the project or task is required. With a Master's Degree in a field relevant to the project or task, two years general experience, of which one year must be specialized experience in social science or clinical research. With a Ph.D. in a field relevant to the project or task, one year of specialized research experience is required.

131. Commercial Job Title: Senior Biomedical/Clinical Engineer

Minimum/General Experience: This position requires eight years of experience in clinical, biomedical, or electrical engineering and six years of experience in the design, installation, implementation, or sustainment of modalities, PACS, tele-radiology, and clinical information systems or an equivalent combination.

Functional Responsibility: Provides support to senior project staff in areas of PACS, and telemedicine requirements analysis, networking, and implementation. Work with end users and equipment vendors to ensure seamless integration of systems and support of clinical workflow requirements. Develops acceptance test protocols; assists vendors in interface implementation to clinical information and legacy systems; and works with users to facilitate transition to the digital/telemedicine environment.

Minimum Education: A Master's degree in clinical, biomedical, or electrical engineering.

132. Commercial Job Title: Biomedical/Clinical Engineer

Minimum/General Experience: This position requires six years of experience in clinical, biomedical, or electrical engineering and four years of experience in the design, installation, implementation, or sustainment of modalities, PACS, tele-radiology, and clinical information systems or an equivalent combination.

Functional Responsibility: Provides support to project staff in areas of PACS, and telemedicine requirements analysis, networking, and implementation. Work with end users and equipment vendors to ensure seamless integration of systems and support of clinical workflow requirements. Develops acceptance test protocols; assists vendors in interface implementation to clinical information and legacy systems; and works with users to facilitate transition to the digital/telemedicine environment.

Minimum Education: A Bachelor's degree in clinical, biomedical, or electrical engineering.

133. Commercial Job Title: Healthcare Informatics Engineer

Minimum/General Experience: Requires five years' experience in planning, implementation, and sustainment of diagnostic imaging systems and networks or other healthcare systems.

Functional Responsibility: Provides support to senior project staff in areas of workflow definition, acquisition modality interface requirements, and clinical transition to the digital/telemedicine environment. Validate clinical workflow requirements; ensure interface requirements for modalities are met; ensure site-unique performance requirements and workflow configuration issues are addressed; ensure appropriateness of modalities and interfaces; and ensure project success from a modality interface standpoint. Provide continuous technical support and interface between equipment vendors and project managers through completion of installation and acceptance testing phase, modality configuration and workflow.

Minimum Education: A Bachelor's degree is required.

134. Commercial Job Title: Radiographic Technologist

Minimum/General Experience: This position requires a nationally and/or state accreditation in Radiographic technology.

Functional Responsibility: Registered radiographic technologist provides support to project staff in areas of radiology workflow, technical aspects of modality integration, and patient

throughput. Supports end-users for training and digital imaging technique. Can provide on-site services as a registered technologist in general radiography, or specialized areas such as ultrasound, mammography, CT, or MRI.

Minimum Education: Associates degree or six years of relevant experience.

135. Commercial Job Title: Laboratory/Medical Technologist

Minimum/General Experience: Requires national or state accreditation in radiology technology with specialized experience as required.

Functional Responsibility: Registered medical technologist provides support to project staff in areas of clinical laboratory workflow and storage. Supports end-users for training and implementation of laboratory systems. Can provide on-site services as a registered technologist for clinical laboratory or specialized functions such as blood bank.

Minimum Education: Accreditation. Associates degree or six years of relevant experience.

136. Commercial Job Title: Diagnostic Imaging Physicist

Minimum/General Experience: This position requires twelve years of relevant experience in diagnostic imaging or therapy physics and ten years of experience in the installation, implementation, and sustainment of PACS, tele-radiology, and clinical information systems or an equivalent combination.

Functional Responsibility: Provides support to senior project staff in areas of diagnostic imaging physics, quality assurance, and acceptance testing. Designs experimental protocols related to diagnostic imaging or therapy physics. Assists end-users in training programs, acceptance, and crisis management for digital and analog imaging systems. May conduct certification of x-ray systems as required.

Minimum Education: Ph.D. or Master's degree.

137. Commercial Job Title: Clinical Consultant

Minimum/General Experience: This position requires twelve years of relevant experience in licensed specialty and ten years of experience in management reengineering and/or the installation, implementation, and sustainment of PACS, tele-radiology, and clinical information systems or an equivalent combination.

Functional Job Responsibility: Provides support to senior project staff or end users in areas of clinical expertise for departmental evaluation and operational improvement related to implementation of telemedicine systems.

Minimum Education: MD or Ph D of Nursing Degree

138. Commercial Job Title: Program Manager

Minimum/General Experience: This position requires a minimum of fifteen years' experience, of which at least ten years must be specialized. Specialized experience includes: project development from inception to deployment, expertise in the management and control of funds and resources, demonstrated capability in managing multi-task contracts and/or subcontracts of various types and complexity. General experience includes increasing responsibilities in information systems design and/or management.

Functional Responsibility: Serves as the contractor's contract manager, and is 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. Individual is responsible for the overall contract performance.

Minimum Education: A Bachelor's degree in Computer Science, Information Systems, Engineering, Business, or other related discipline. With a Master's degree, thirteen years general experience of which at least nine years must be specialized. With a Ph.D., twelve years general experience of which at least eight years must be specialized.

139. Commercial Job Title: Assistant Program Manager

Minimum/General Experience: This position requires 4 years of related and relevant experience.

Functional Job Responsibility: Serves as the alternate to the contractor's contract manager, and is the alternate to 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. Individual is responsible for the overall contract performance.

Minimum Education: Bachelors Degree

140. Commercial Job Title: IT Project Manager

Minimum/General Experience: This position requires 8 years of related and relevant experience.

Functional Job Responsibility: Responsible for assisting the management of IT related projects. Assists in preparing implementation plan, coordinates activities, monitors milestones, and provides progress reports. Responsible for the creation and management of project information related to contractual requirements and cost for submittal to the program manager for review and approval. Must have rudimentary understanding of accounting, management, and contract principles. Performs day-to-day management of assigned delivery order projects that involve teams of data processing and other information system and management professionals who have previously been involved in analyzing,



designing, integrating, testing, documenting, converting, extending, and implementing automated information and telecommunications systems. Demonstrates proven skills in those technical areas addressed by the delivery order to be managed. Organizes, directs, and coordinates the planning and production of all activities associated with assigned delivery order projects. Demonstrates writing and oral communication skills.

Minimum Education: Bachelors Degree

141. Commercial Job Title: Project Planner

Minimum/General Experience: This position requires 8 years of related and relevant experience.

Functional Job Responsibility: Updates and maintains schedule data to ensure project consistency and optimization. Creates formal communication plan. Frequently will be assigned as team leader; having indirect responsibility for team members' completion of tasks to project plan. Ensures the team provides resource loaded schedules at determined intervals to make sure the project is being completed on time and within budget. Supports the use/integration of project and contract management systems. Provides support for the administration of contracts including scope of works & tender/contract preparation, and correspondence. Recognizes and understands competing business requirements and makes recommendations for the overall good of the project team. Performs project progress monitoring duties including identifying critical activities and reviewing forecasts with progress achieved to date.

Minimum Education: Bachelors Degree

142. Commercial Job Title: Lead Project Requirements Analyst

Minimum/General Experience: This position requires 4 years of related and relevant experience.

Functional Job Responsibility: Prepares and conducts business analyses and studies, needs assessments, requirements analysis/definition and cost/benefit analyses in an effort to align business systems, solutions and initiatives. Prepares forecasts and analyzes trends, reporting regulations and business conditions. Develops and analyzes metrics, performance measurements, requirements, reports and recommendations related to management, organizational structure, policy/procedures and business systems. Identifies potential business risks.

Minimum Education: Bachelors Degree

143. Commercial Job Title: Business System Integrator

Minimum/General Experience: This position requires 4 years of related and relevant experience.



Functional Job Responsibility: Broad, in-depth, experience in business process development, process improvement, change management, project management, systems integration and general leadership and management. Broad skills and significant depth of experience in a variety of disciplines ensure rapid diagnosis of organizational performance and business systems gaps. Significant experience across all line and staff disciplines enhances ability to accurately prescribe and communicate organizational remedies. Demonstrated expertise in providing guidance and direction to small and complex projects and programs; proven abilities in process development for organizationally critical processes, process improvement, change management; demonstrated capability in managing multi-task projects and programs of high complexity; broad responsibility in process design, implementation and integration. Primary functions include specific and comprehensive analysis of organizational processes, systems, and personnel in relation to core goals and strategic direction.

Minimum Education: Bachelors Degree

Degree	Experience Equivalence	Other Equivalence
Bachelors	Associate degree +2 years relevant experience, or 4 years relevant experience	Professional certification
Masters	Bachelors +2 years relevant experience, or Associated + 4 years relevant experience	Professional license
Doctorate	Masters + 2 years relevant experience, Bachelors + 4 years relevant experience	N/A

Degree/Experience Equivalency*

* Successful completion of higher education which has not yet resulted in a degree may be counted as 1 for 1 year's of experience for each year of college completed.

Price List

GENESIS CONCEPTS & CONSULTANTS PRICING

<hr/>					
ClipTraining Portal					
Number of Users		Annual Cost per License			
1		\$97.75			
ClipTraining Custom Clips					
Number of Users		Annual Cost per License			
1		\$740.55			



clipTraining™

**The ClipTraining
Library - Microsoft
Office and
Windows
Curriculum**

The ClipTraining Library - Microsoft Office and Windows Curriculum

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Overview

The ClipTraining Library – Microsoft Office and Windows Curriculum consists of e-learning modules and complimentary learning aides. Each module is designed to teach a specific subject matter through the use of video tutorials or lessons known as ‘Clips’. Clips are to-the-point; task-based videos that in a brief period of time deliver the knowledge one needs to complete the discussed task. Clips are conveniently organized into a table of contents which includes information about the module. The number of Clips, total running time of all videos combined, shortcuts to the quizzes and exams, and ClipNotes, brief descriptions of the Clip’s contents. ClipNotes can be reviewed before watching a Clip to get a sense of what will be discussed or to ensure this is the appropriate Clip to watch when looking for a specific answer.

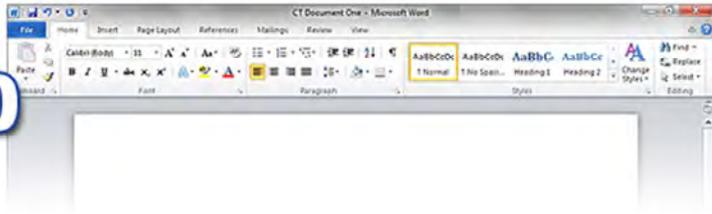
The design of The ClipTraining Library as a whole lends itself to not only initial instruction, but ongoing support and learning as well. With searchable lessons and to-the-point quick Clips students can find specific answers to questions in minutes or even seconds.

Microsoft Office Course Objectives

After reviewing the Microsoft Office Course students will be equipped to pass the 4 core program exams. (Word, Excel, PowerPoint, Outlook)

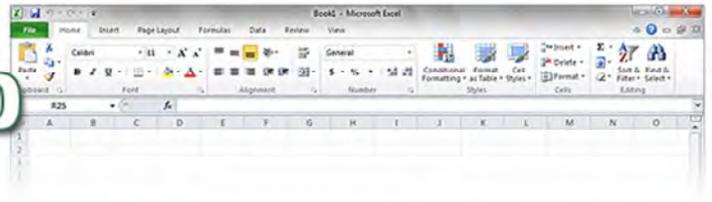
In addition, students will have gained an understanding of the navigation and use of each of the programs discussed. (Word, Excel, PowerPoint, Outlook, Access, OneNote, SharePoint, Project, Publisher, Visio)

Microsoft Office Course Material



100
Clips

3 hrs, 47 min
Running Time



Discover how the latest version of Microsoft's ever popular spreadsheet application can be so easy to use and yet both powerful and robust at the same time. New features such as the Backstage view, Sparklines, Slicers and Excel WebApp are just some of the fantastic topics this series explores. Learn quickly while you watch this instructive video series.

101
Clips

3 hrs, 23 min
Running Time

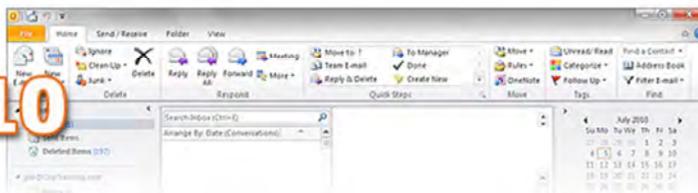


Get ready to learn Microsoft's premiere presentation application, PowerPoint 2010. You'll discover the latest features and see how these work all in these quick video lessons. Fast paced but highly educational, each clip unveils different aspects of this fun to use application!

76
Clips

1 hrs, 35 min
Running Time

Outlook 2010



Outlook 2010 is the latest version of this popular messaging application. Now with an updated look and navigation, Outlook 2010 is poised to handle all your communication needs. New features such as the Ribbon, Backstage View and Outlook Social Connector are explained in detail. Learn it all fast with the following videos below.

75
Clips

2 hrs, 26 min
Running Time

Access 2010



70
Clips

2 hrs, 34 min
Running Time

OneNote 2010



When you're faced with keeping a wide variety of information in different forms all in one spot, look no further than OneNote 2010, the digital notebook. These tutorial videos are clear in showing the different aspects of the application as well as new features introduced in this version. Click any video below to start watching and learning.

9
Clips

38 minutes
Running Time

SharePoint 2010



Take collaboration to a whole new level as you discover the different features associated with SharePoint 2010. See how to communicate through blogs, announcements, calendars, discussion boards and more. These brief tutorials below will help get you going quickly with SharePoint.

50
Clips

1 hrs, 45 min
Running Time

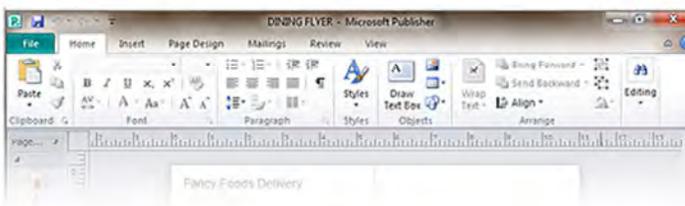
Project 2010



36
Clips

1 hrs, 56 min
Running Time

Publisher 2010



10
Clips

27 minutes
Running Time

Visio 2010



30
Clips

1 hrs, 28 min
Running Time

What's New in Office 2010

We've taken the best of the new features in Office 2010 and compiled them together into this easy-to-view list of "What's New". You'll find this content and more in each individual applicational series but here is a way for veteran Office users to get up to speed quickly on the latest features from Microsoft.

41
Clips

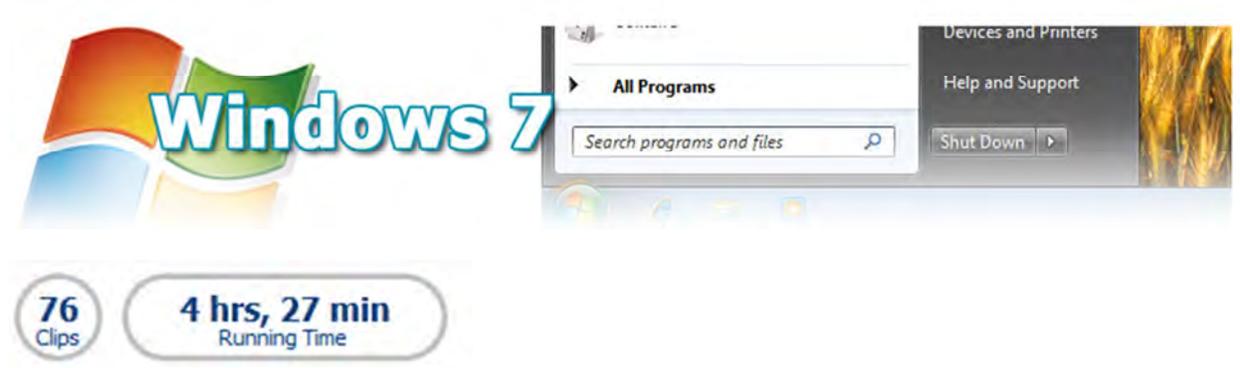
2 hrs, 56 min
Running Time

Microsoft Windows Course Objectives

After reviewing the Microsoft Windows Course students will be equipped to pass the ClipTraining Windows Exams. (Windows 7, Windows Vista, Windows XP)

In addition, students will have gained an understanding of the navigation and use of each of the Operating Systems discussed. These fundamental to advanced skills are necessary on many levels of secular and social life today. By completing the ClipTraining Microsoft Windows Courses students have the ability to work proficiently with these computer Operating Systems.

Microsoft Windows Course Material



The graphic features the Windows 7 logo on the left, with the text "Windows 7" in a large, blue, outlined font. To the right is a screenshot of the Windows 7 Start menu, showing the "All Programs" list and a search bar. Below the logo and screenshot are two circular icons: one containing "76 Clips" and another containing "4 hrs, 27 min Running Time".



The graphic features the Windows 7 logo on the left, with the text "Windows 7 for Admins" in a large, blue, outlined font. To the right is a screenshot of the Windows 7 Start menu, showing the "All Programs" list and a search bar. Below the logo and screenshot are two circular icons: one containing "20 Clips" and another containing "1 hrs, 6 min Running Time".



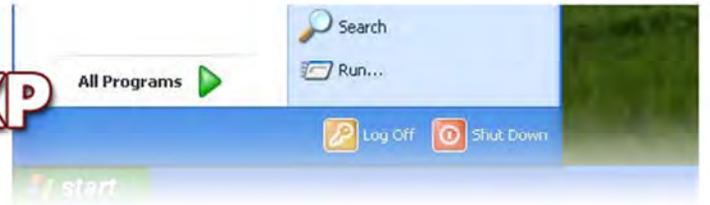
102
Clips

4 hrs, 59 min
Running Time



16
Clips

47 minutes
Running Time



50
Clips

1 hrs, 41 min
Running Time

SIN	Product#	Item Name in Catalog	Option for Product	GSA Price w/IFF
874-9	B500	Noelle Mat. & Neonatal Guide 2003 - Instructor	NA	\$ 48.38
874-9	B500.1	Noelle Mat. & Neonatal Guide 2003 - Student	NA	\$ 28.63
874-9	B501	Noelle Mat. & Neonatal Guide 2009 - Instructor	NA	\$ 48.38
874-9	B501.1	Noelle Mat. & Neonatal Guide 2009 - Student	NA	\$ 28.63
874-9	B510	Workbook of OB/GYN Simulation	NA	\$ 38.51
874-9	C180	Understanding Breast Cancer	NA	\$ 24.68
874-9	CD100	Neonatal Stabilization Scenarios -	S3010	\$ 5,919.16
874-9	CD100	Neonatal Stabilization Scenarios	S3009	\$ 5,919.16
874-9	CD100	Neonatal Stabilization Scenarios	Multiple	\$ 5,919.16
874-9	CD200	Learning & Practicing Clinical Nursing Skills - Instructor	NA	\$ 48.38
874-9	CD200.1	Learning & Practicing Clinical Nursing Skills - Student	NA	\$ 38.51
874-9	CD205	Making Healthcare Safer - Instructor	NA	\$ 48.38
874-9	CD205.1	Making Healthcare Safer - Student	NA	\$ 38.51
874-9	CD500	Perinatal Monitor CD-ROM	Multiple	\$ 291.27
874-9	CD501	Perinatal Monitor CD-ROM with scenario builder	Multiple	\$ 488.74
874-9	CD555	MOES CD Courseware	S554.100	\$ 1,969.76
874-9	CD555	MOES Courseware	S554.100	\$ 1,969.76
874-9	CD606	Noelle Ultrasounds	Multiple	\$ 291.27
874-9	S100	Susie & Simon Newborn Advanced Care	NA	\$ 488.74
874-9	S100.1	IV Training Arm	Multiple	\$ 222.15
874-9	S100.2	Intraosseous infusion Sys.	Multiple	\$ 222.15
874-9	S100.3	External stoma sites	S100	\$ 59.24
874-9	S100.4	Umbilical catheterization site w/ internal tank	S100	\$ 98.74
874-9	S100.5	Temporal Venous Access Site w/ internal tank	S100	\$ 93.80
874-9	S1000*.210	Buy mICR+ with Sim and save	NA	\$ 3,944.46
874-9	S1000.001	Simulated Vital Signs Monitor	S1000	\$ 1,278.62
874-9	S1000.006	Casualty Simulation Kit	S1000	\$ 982.41
874-9	S1000.210	Micro+Recording & debriefing system	S1000	\$ 3,944.46
874-9	S1000.210.U	Buy Micro+ as an upgrade	NA	\$ 4,931.81
874-9	S1000.300	Streaming Audio	S1000	\$ 2,962.05
874-9	S1000.L	HAL	NA	\$ 11,843.26
874-9	S1001.001	Simulated Vital Signs Monitor	S1001	\$ 1,278.62
874-9	S1001.210	Micro+ recording & debriefing Sys.	S1001	\$ 3,944.46
874-9	S1001.300	Streaming Audio	S1001	\$ 2,962.05
874-9	S1001.L	Susie	NA	\$ 11,843.26
874-9	S101	The Susie & Simon Newborn CPR & Trauma Care Simulator	NA	\$ 390.00
874-9	S102	The Susie & Simon Newborn CPR & Trauma Care Simulator	NA	\$ 686.21
874-9	S1020.L	HAL	NA	\$ 8,881.21
874-9	S103	The Susie & Simon Newborn CPR & Trauma Care Simulator	NA	\$ 587.47
874-9	S1030.L	HAL	NA	\$ 14,805.31
874-9	S104	The Susie & Simon Newborn CPR & Trauma Care Simulator	NA	\$ 933.05
874-9	S105	Newborn PEDI Simulator	NA	\$ 962.67
874-9	S105.184	Optional Omni Code Blue Pack	S105	\$ 587.47
874-9	S107	Newborn Multipurpose Patient	NA	\$ 982.41
874-9	S107.184	Optional Code Blue Pack	S107	\$ 587.47
874-9	S108	Premie Blue + Smartskin Tech.	NA	\$ 2,068.50
874-9	S110	Mike & Michelle One Year Old	NA	\$ 488.74
874-9	S110.1	IV Training Arm	Multiple	\$ 222.15

SIN	Product#	Item Name in Catalog	Option for Product	GSA Price w/IFF
874-9	S110.10	Site Specific Heart & Lung Sounds -	S117	\$ 587.47
874-9	S110.10	Site specific heart and lung sound trainer	S312	\$ 587.47
874-9	S110.10	Heart & Lung Sounds Update Kit - one yr old	S100	\$ 587.47
874-9	S110.11	Chest Decompression and drainage	S117	\$ 148.10
874-9	S110.11	Chest decompression & drainage	S312	\$ 148.10
874-9	S110.2	Intraosseous infusion Sys.	Multiple	\$ 222.15
874-9	S110.3	External stoma sites	S110	\$ 59.24
874-9	S111	One Year CPR and Trauma Care Simulator - Full Body	NA	\$ 390.00
874-9	S112	One Year CPR and Trauma Care Simulator - Full Body	NA	\$ 686.21
874-9	S113	One Year CPR and Trauma Care Simulator - Full Body	NA	\$ 587.47
874-9	S114	One Year CPR and Trauma Care Simulator - Full Body	NA	\$ 933.05
874-9	S115	One Year Pedi Simulator	NA	\$ 1,031.78
874-9	S115.184	Optional Omni Code Blue Pack	S115	\$ 587.47
874-9	S117	One Year Multipurpose Patient	NA	\$ 1,179.88
874-9	S117.184	Optional Code Blue Pack	S117	\$ 587.47
874-9	S150	Mike & Michelle Five Year Olds	NA	\$ 587.47
874-9	S150.1	IV Training Arm	Multiple	\$ 222.15
874-9	S150.10	Site Specific Heart & Lung Sounds -	S157	\$ 587.47
874-9	S150.10	Site specific heart and lung sound trainer	S314	\$ 587.47
874-9	S150.10	Heart & Lung Sounds Update Kit - - five yr old	S150	\$ 587.47
874-9	S150.11	Chest Decompression and drainage	S157	\$ 148.10
874-9	S150.11	Chest decompression & drainage	S314	\$ 148.10
874-9	S150.2	Intraosseous infusion sys	Multiple	\$ 222.15
874-9	S150.5	External stoma sites	S150	\$ 59.24
874-9	S150.7	Subclavian access -	S157	\$ 390.00
874-9	S150.7	Subclavian access	S150	\$ 390.00
874-9	S151	Five Year CPR and Trauma Care Simulator - Full Body	NA	\$ 488.74
874-9	S152	Five Year CPR and Trauma Care Simulator - Full Body	NA	\$ 789.88
874-9	S153	Five Year CPR and Trauma Care Simulator - Full Body	NA	\$ 740.51
874-9	S154	Five Year CPR and Trauma Care Simulator - Full Body	NA	\$ 982.41
874-9	S155	Five Year Pedi Simulator	NA	\$ 1,081.15
874-9	S155.184	Optional Omni Code Blue Pack	S155	\$ 587.47
874-9	S157	Five Year Multipurpose Patient	NA	\$ 1,377.35
874-9	S157.184	Optional Code Blue Pack	S157	\$ 587.47
874-9	S182	Heart & Lung Sounds software - Adult	NA	\$ 97.75
874-9	S183	Heart & Lung Sounds software - Pediatric	NA	\$ 97.75
874-9	S200	Susie Simon - without ostomy	NA	\$ 784.94
874-9	S200.10	Heart & Lung Sounds Update Kit Adult	S315.100	\$ 666.46
874-9	S200.10	Site specific heart & lung sounds kit	Multiple	\$ 686.21
874-9	S2000	Susie	NA	\$ 27,640.86
874-9	S2000.001.R2	20" All-in-one Touch Screen -	S2000	\$ 2,068.50
874-9	S2000.002	12" Touch Screen Tablet -	S2000	\$ 3,105.22
874-9	S2000.211	Pro+ Recording & Debriefing sys -	S2000	\$ 10,855.91
874-9	S2000.211.U	Pro+ as an upgrade -	S2000	\$ 12,830.61
874-9	S2000.400	Automatic Drug Recognition System		\$ 10,855.91
874-9	S2000.600	Auto Physiologic Mode -	S2000	\$ 7,893.86
874-9	S201	Susie Simon - with ostomy	NA	\$ 883.68
874-9	S201.415	Omni Blood Pressure Arm Pak	S201	\$ 982.41

SIN	Product#	Item Name in Catalog	Option for Product	GSA Price w/IFF
874-9	S205	Simple Simon	NA	\$ 587.47
874-9	S206	Simple Susie	NA	\$ 587.47
874-9	S2100.013.L	Abdominal wall insert	S2100	\$ 192.53
874-9	S2100.014.L	Uterine Assembly 1	S2100	\$ 320.89
874-9	S2100.015.L	Uterine Assembly 2	S2100	\$ 360.38
874-9	S2100.016.L	Uterine Assembly 3	S2100	\$ 390.00
874-9	S2100.017	Bowel Overlay	S2100	\$ 192.53
874-9	S2100.018.L	Laparoscopy wall	S2100	\$ 390.00
874-9	S2100.L	Surgical Chloe	NA	\$ 54,299.31
874-9	S2101.L	Without PRO+ Rec. & Debrief Sys.	S2100	\$ 34,552.31
874-9	S220.10	Site specific heart and lung sound trainer -	S315	\$ 686.21
874-9	S220.10	Blood Pressure arm with Omni	S222 & S221	\$ 686.21
874-9	S220.10	Site specific heart & Lung sounds kit	S222 & S221	\$ 686.21
874-9	S221	Clinical Chloe Original	NA	\$ 1,081.15
874-9	S221.415	Omni Blood Pressure Arm	S221	\$ 982.41
874-9	S222	Clinical Chloe Advanced	NA	\$ 1,969.76
874-9	S222.10	Site specific heart and lung sound trainer		\$ 617.09
874-9	S222.100	Super Chloe	NA	\$ 4,438.14
874-9	S230.10	Adv. Pat. Care Male & Female Catheterization Simulator	NA	\$ 444.31
874-9	S230.11	ZACK Multipurpose Male Care Simulator	NA	\$ 587.47
874-9	S230.2	Adv. Patient Care Female Ostomy	NA	\$ 340.64
874-9	S230.3	Adv. Patient Care male Prostate	NA	\$ 419.62
874-9	S230.4	Breast Palpation Simulator for Clinical Teaching	NA	\$ 587.47
874-9	S230.41	Adv. Patient Care Breast Palpation Bra	NA	\$ 291.27
874-9	S230.42	Breast Examination Simulator	NA	\$ 488.74
874-9	S230.43	Right & Left Breasts w/ carrying bag	S230.42	\$ 320.89
874-9	S230.44	Left breast w/ carrying bag	S230.42	\$ 192.53
874-9	S230.45	Right breast w/ carrying bag	S230.42	\$ 192.53
874-9	S230.5	Adv. Patient Care Enema	NA	\$ 340.64
874-9	S230.52	Breast Phantom Simulator	NA	\$ 587.47
874-9	S230.53	Replacement Breast Pair	S230.52	\$ 370.26
874-9	S230.54	Left replacement breast	S230.52	\$ 212.28
874-9	S230.55	Right replacement breast	S230.52	\$ 212.28
874-9	S230.6	Adv. Patient Care Female Catheterization Simulator	NA	\$ 360.38
874-9	S230.7	Adv. Patient Care Male Catheterization Simulator	NA	\$ 370.26
874-9	S261	IV training arm for injection	S201	\$ 241.90
874-9	S261	With attachable shoulder	Multiple	\$ 241.90
874-9	S262.100	IV Training Arm	Multiple	\$ 330.76
874-9	S262.100	Adv. Multipurpose IV Training Arm -	S221	\$ 330.76
874-9	S262.100	With attachable shoulder	Multiple	\$ 330.76
874-9	S263	Arterial & Venous Patient Training Arm -	S222 & S221	\$ 686.21
874-9	S263	With attachable shoulder	Multiple	\$ 686.21
874-9	S265	Ulcerated Foot	Multiple	\$ 64.18
874-9	S266.1	Deltoid incision	Multiple	\$ 34.56
874-9	S266.2	Chest Incision	Multiple	\$ 34.56
874-9	S266.3	Abdominal Incision	Multiple	\$ 34.56
874-9	S266.4	Bilateral IM sites, arms & legs	Multiple	\$ 93.80
874-9	S267	Amputation stump -	Multiple	\$ 59.24

SIN	Product#	Item Name in Catalog	Option for Product	GSA Price w/IFF
874-9	S268.1	Add. Arm injection sites	Multiple	\$ 32.58
874-9	S268.2	Add. buttock injection sites	Multiple	\$ 32.58
874-9	S269	Carrying Bag	Multiple	\$ 83.92
874-9	S300.000	Code Blue III Adult	NA	\$ 8,881.21
874-9	S300.005	Code Blue III Five Year	NA	\$ 6,906.51
874-9	S300.010	Code Blue III Newborn	NA	\$ 4,931.81
874-9	S3000	HAL	NA	\$ 22,704.11
874-9	S3000*.211	Buy Pro+ with your Tetherless Simulator and save	NA	\$ 10,855.91
874-9	S3000*.211.U	Buy Pro+ as an upgrade	NA	\$ 12,830.61
874-9	S3000.001.R2	20" All-in-one Touch Screen	S3000	\$ 2,068.50
874-9	S3000.002	12" Touch Screen Tablet -	S3000	\$ 3,105.22
874-9	S3000.004.L	Traumatic Leg Amputation	S3000	\$ 784.94
874-9	S3000.005.L	Traumatic Arm Amputation	S3000	\$ 784.94
874-9	S3000.028R.L	Intraosseous Leg	S3000	\$ 789.88
874-9	S3000.060	Simulator Transport Case	Multiple	\$ 686.21
874-9	S3000.120	12 Lead ECG	S3000	\$ 8,881.21
874-9	S3000.211	Pro+ Recording & Debriefing sys	S3000	\$ 10,855.91
874-9	S3000.211.U	Pro+ as an upgrade	S3000	\$ 12,830.61
874-9	S3000.300	Wireless Streaming Audio	S3000	\$ 2,962.05
874-9	S3000.300	Wireless Streaming Audio	S3000	\$ 2,962.05
874-9	S3000.400	Automatic Drug Recognition System	S3000	\$ 10,855.91
874-9	S3000.600	Auto Physiologic Control	S3000	\$ 7,893.86
874-9	S3004	HAL	NA	\$ 21,716.76
874-9	S3004.001.R2	20" All-in-one Touch Screen PC	S3004	\$ 2,068.50
874-9	S3004.002	12" Touch Screen Tablet -	S3004	\$ 3,105.22
874-9	S3004.211	Pro+ Recording & Debriefing sys -	S3004	\$ 10,855.91
874-9	S3004.211.U	Pro+ as an upgrade	S3004	\$ 12,830.61
874-9	S3004.300	One Year HAL	S3004	\$ 2,962.05
874-9	S3004.300	Wireless Streaming Audio -	S3004	\$ 2,962.05
874-9	S3004.600	Auto Physiologic Mode	S3004	\$ 7,893.86
874-9	S3005	Pediatric HAL Incl. a wireless tablet PC	NA	\$ 21,716.76
874-9	S3005.001.R2	20" All-in-one Touch Screen PC	S3005	\$ 2,068.50
874-9	S3005.002	12" Touch Screen Tablet	S3005	\$ 3,105.22
874-9	S3005.211	Pro+ Recording & Debriefing sys	S3005	\$ 10,855.91
874-9	S3005.211.U	Pro+ as an upgrade -	S3005	\$ 12,830.61
874-9	S3005.300	Five Year HAL	S3005	\$ 2,962.05
874-9	S3005.300	Wireless Streaming Audio	S3005	\$ 2,962.05
874-9	S3005.600	Auto Physiologic Mode	S3005	\$ 7,893.86
874-9	S3009	Premie HAL	NA	\$ 15,792.66
874-9	S3009.001.R2	20" All-in-one Touch Screen PC	S3009	\$ 2,068.50
874-9	S3009.002	12" Touch Screen Tablet	S3009	\$ 3,105.22
874-9	S3009.211	Pro+ Recording & Debriefing Sys.	S3009	\$ 10,855.91
874-9	S3009.211.U	Pro+ as an upgrade	S3009	\$ 12,830.61
874-9	S3009.600	Auto Physiologic Mode	S3009	\$ 7,893.86
874-9	S3010	Newborn HAL	NA	\$ 18,754.71
874-9	S3010.001.R2	20" All-in-one Touch Screen PC	S3010	\$ 2,068.50
874-9	S3010.002	12" Touch Screen Tablet	S3010	\$ 3,105.22
874-9	S3010.211	Pro+ Recording & Debriefing Sys.	S3010	\$ 10,855.91

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874-9	S3010.211.U	Pro+ as an upgrade	S3010	\$ 12,830.61
874-9	S3010.600	Auto Physiologic Mode	S3010	\$ 7,893.86
874-9	S303	Multipurpose Simulator with adjustable airway	NA	\$ 2,463.44
874-9	S303.1	Ulcerated Foot	S303	\$ 59.24
874-9	S303.2	Deltoid incision	S303	\$ 29.62
874-9	S303.3	Abdominal incisions	S303	\$ 29.62
874-9	S303.4	Add. buttock injection sites	S303	\$ 29.62
874-9	S303.414	Omni Blood Pressure Arm	S303	\$ 686.21
874-9	S304	With Non Intubatable disposable airway	NA	\$ 1,969.76
874-9	S304.1	Pk of 10 one piece disposable airways	S304	\$ 19.75
874-9	S304.2	Pk of 100 airways	S304	\$ 186.61
874-9	S304.414	Omni Blood Pressure Arm	S304	\$ 686.21
874-9	S3040.004.L	Combat Trauma Arm	S3040	\$ 784.94
874-9	S3040.005.L	Combat Trauma Leg	S3040	\$ 784.94
874-9	S3040.011	Charger	S3040	\$ 143.17
874-9	S3040.018.L	Chest Skin Replacement - no electronicS	S3040	\$ 246.84
874-9	S3040.031	Intraosseous Sternal Access Site	S3040	\$ 118.48
874-9	S3040.034	Surgical Cricoid Assembly	S3040	\$ 78.99
874-9	S3040.035	Set of 24 Surgical Cricoid Skins	S3040	\$ 291.27
874-9	S3040.036	Surgical Cricoid Ass. Removal tool	S3040	\$ 49.37
874-9	S3040.037	Parafilm Tape 15 ft	S3040	\$ 6.91
874-9	S3040.039A	Axila Wound Insert	S3040	\$ 93.80
874-9	S3040.039G	Groin Wound Insert	S3040	\$ 93.80
874-9	S3040.040A	Axilla Healthy Insert	S3040	\$ 34.56
874-9	S3040.040G	Groin Healthy Insert	S3040	\$ 54.30
874-9	S3040.048	IV Fill Kit (Standard)	S3040	\$ 49.37
874-9	S3040.050	External Blood Filling Kit	S3040	\$ 64.18
874-9	S3040.080	Combat Blood Concentrate	S3040	\$ 24.68
874-9	S3040.081	Mineral Oil	S3040	\$ 9.87
874-9	S3040.083	Allen Key Set	S3040	\$ 1.97
874-9	S3040.089	Gaumard Shorts	S3040	\$ 19.75
874-9	S3040.206	RF Mod Module	S3040	\$ 291.27
874-9	S3040.L	Combat HAL	NA	\$ 24,678.81
874-9	S3040.100	Combat HAL-CBRN	NA	\$ 32,577.61
874-9	S3040.100.031	Intraosseous Sternal Access Site	S3040.100	\$ 118.48
874-9	S3040.100.033	Set of 10 Surgical Trachea Inserts	S3040.100	\$ 74.05
874-9	S3040.100.035	Set of 24 Trachea Skin covers	S3040.100	\$ 291.27
874-9	S3040.100.036	Surgical Cricoid Assembly removal tool	S3040.100	\$ 49.37
874-9	S3040.100.037	Parafilm Tape 15 feet	S3040.100	\$ 6.91
874-9	S3040.100.048	IV Fill Kit (Standard)	S3040.100	\$ 49.37
874-9	S3040.100.050	External Blood Filling Kit	S3040.100	\$ 64.18
874-9	S3040.100.080	Combat Blood Concentrate	S3040.100	\$ 24.68
874-9	S3040.100.081	Mineral Oil	S3040.100	\$ 9.87
874-9	S3040.100.004	Combat Trauma Arm	S3040.100	\$ 784.94
874-9	S3040.100.005	Combat Trauma Leg	S3040.100	\$ 784.94
874-9	S3040.100.039A	Axila Wound Insert	S3040.100	\$ 93.80
874-9	S3040.100.039G	Groin Wound Insert	S3040.100	\$ 93.80
874-9	S3040.100.040A	Axilla Healthy Insert	S3040.100	\$ 34.56

SIN	Product#	Item Name in Catalog	Option for Product	GSA Price w/IFF
874-9	S3040.100.040G	Groin Healthy Insert	S3040.100	\$ 54.30
874-9	S3040.100.011	Combat HAL Charger	S3040.100	\$ 143.17
874-9	S3040.100.206	RF Mod Module	S3040.100	\$ 291.27
874-9	S3040.100.018	Chest Skin Replacement -no electronics	S3040.100	\$ 246.84
874-9	S3040.100.034	Surgical Cricoid Insert	S3040.100	\$ 9.87
874-9	S3040.100.083	Allen Key Set	S3040.100	\$ 1.97
874-9	S3040.100.089	Gaumard Shorts	S3040.100	\$ 19.75
874-9	S308	CPR Simon - Torso	NA	\$ 686.21
874-9	S308.1	Disposable airways - pk 10	S308	\$ 19.75
874-9	S308.2	Disposable airways - pk 100	S308	\$ 138.23
874-9	S309	CPR Simon - Torso	NA	\$ 982.41
874-9	S310	CPR Simon - Full Body	NA	\$ 784.94
874-9	S310.415	Omni Blood Pressure Arm	S310	\$ 982.41
874-9	S3101	HAL	NA	\$ 32,577.61
874-9	S3101.001.R2	20" All-in-one Touch Screen	S3101	\$ 2,068.50
874-9	S3101.002	12" Touch Screen Tablet	S3101	\$ 3,105.22
874-9	S3101.004.L	Traumatic Leg Amputation	S3101	\$ 784.94
874-9	S3101.005.L	Traumatic Arm Amputation	S3101	\$ 784.94
874-9	S3101.120	12 Lead ECG -	S3101	\$ 3,949.40
874-9	S3101.211	Pro+ Recording & Debriefing sys -	S3101	\$ 10,855.91
874-9	S3101.211.U	Pro+ as an upgrade -	S3101	\$ 12,830.61
874-9	S3101.400	Automatic Drug Recognition System	S3101	\$ 4,931.81
874-9	S311	CPR Simon - Full Body	NA	\$ 1,081.15
874-9	S311.414	Omni Blood Pressure Arm	S311	\$ 686.21
874-9	S312	1 year Pedi Airway Trainer	NA	\$ 587.47
874-9	S312.200	Heart & Lung Sounds - One yr old	NA	\$ 863.93
874-9	S312.300	Combine with Intubatable Airway	NA	\$ 962.67
874-9	S314	5 year Pedi Airway Trainer	NA	\$ 686.21
874-9	S314.200	Heart & Lung Sounds - Five yr old	NA	\$ 863.93
874-9	S314.300	Combine with Intubatable Airway	NA	\$ 962.67
874-9	S315	Adult Simon Airway Trainer	NA	\$ 784.94
874-9	S315.100	Simon Multipurpose Airway Trainer	NA	\$ 982.41
874-9	S315.100.184	Omni Code Blue Pack	S315.100	\$ 587.47
874-9	S315.184	Omni Code Blue Pack	S315	\$ 587.47
874-9	S315.200	Heart & Lung Sounds - Adult	NA	\$ 863.93
874-9	S315.300	Combine with Intubatable Airway	NA	\$ 1,081.15
874-9	S315.400	Adult Airway Trainer - HAL	NA	\$ 2,463.44
874-9	S315.400.001	Set of 5 Crico/Trachea inserts	S315.400	\$ 39.49
874-9	S315.400.002	Set of 5 Tracheal inserts	S315.400	\$ 24.68
874-9	S315.400.003	Set of 5 needle decompression inserts	S315.400	\$ 24.68
874-9	S315.400.004	Trachea sealing insert	S315.400	\$ 49.37
874-9	S315.400.005	Support for tracheal insert	S315.400	\$ 49.37
874-9	S315.400.006	One set of ribs	S315.400	\$ 88.86
874-9	S315.400.007	Set of lungs	S315.400	\$ 88.86
874-9	S315.400.008	Chest skin	S315.400	\$ 246.84
874-9	S315.400.009	Manual air pump	S315.400	\$ 24.68
874-9	S315.400.010	Four oz. mineral oil	S315.400	\$ 9.87
874-9	S315.400.011	Cricoid membrane roll	S315.400	\$ 6.91

SIN	Product#	Item Name in Catalog	Option for Product	GSA Price w/IFF
874-9	S320	Newborn Pedi Airway Trainer	NA	\$ 587.47
874-9	S320.100	Pedi Blue Neonatal Sim. + Smart Skin	NA	\$ 1,673.56
874-9	S320.100.1	IO leg option	S320	\$ 212.28
874-9	S320.100.2	Training Arm option	S320	\$ 212.28
874-9	S320.101	Pedi Blue Neonate + Newborn HAL body	NA	\$ 1,969.76
874-9	S320.11	Chest decompression & drainage	S320	\$ 148.10
874-9	S320.200	Package price with all options	S320	\$ 1,969.76
874-9	S3201.003	Upgrade to 12" tablet virtual monitor	S3201	\$ 1,081.15
874-9	S3201.004.L	Traumatic leg amputation	S3201	\$ 784.94
874-9	S3201.005.L	Traumatic arm amputation	S3201	\$ 784.94
874-9	S3201.211	Pro+ recording & debriefing sys	S3201	\$ 10,855.91
874-9	S3201.211.U	Pro+ as an upgrade	S3201	\$ 12,830.61
874-9	S3201.L	HAL	NA	\$ 47,387.86
874-9	S400	Intravenous Training Arm	NA	\$ 320.89
874-9	S401	Multipurpose Venous Training Arm	NA	\$ 370.26
874-9	S401.100	Adv. Multipurpose Venous Training Arm	NA	\$ 390.00
874-9	S402	Arterial & Venous Patient Training Arm	NA	\$ 715.83
874-9	S403	IMSIT Intramuscular & Injection Hip	NA	\$ 439.37
874-9	S405	Five yr. inj. training arm	NA	\$ 320.89
874-9	S406	One yr. injection arm	NA	\$ 291.27
874-9	S407	One yr. intraosseous infusion & inj. Leg	NA	\$ 291.27
874-9	S408	Newborn injection arm	NA	\$ 291.27
874-9	S409	Newborn intraosseous infusion & inj. Leg	NA	\$ 291.27
874-9	S411	Lumbar Puncture Trainer	NA	\$ 982.41
874-9	S411.001	Spinal Canal	S411	\$ 59.24
874-9	S411.002.L	Two Spinal Cord inserts	S411	\$ 390.00
874-9	S411.003	Filling Kit	S411	\$ 24.68
874-9	S411.004	Power Supply	S411	\$ 34.56
874-9	S411.005	Soft carrying Case	S411	\$ 93.80
874-9	S411.006	Stand	S411	\$ 34.56
874-9	S411.007	Fasteners with washers	S411	\$ 4.94
874-9	S415	Blood Pressure System	NA	\$ 982.41
874-9	S415.100	BP Training Sys. With Speakers	S415	\$ 1,081.15
874-9	S500	Original Childbirth Simulator	NA	\$ 493.68
874-9	S500.1	Fetal baby, umbilical cord & Placenta for Vaccum Delivery	NA	\$ 74.05
874-9	S500.10	Birthing mechanism	NA	\$ 370.26
874-9	S500.100	OB Susie	NA	\$ 883.68
874-9	S500.200	Adv. OB Susie	NA	\$ 1,278.62
874-9	S500.3	Palpation Module for Leopold Maneuvers	NA	\$ 246.84
874-9	S500.4	Labor Delivery Module	NA	\$ 271.52
874-9	S500.5	Susie Articulating Newborn	NA	\$ 291.27
874-9	S500.6	Postpartum Suturing Trainer	NA	\$ 113.55
874-9	S503	GYN/AID Gynecologic Simulator	NA	\$ 513.42
874-9	S504.1	Set of 7 normal & abnormal uteri	S504	\$ 148.10
874-9	S504.100	ZOE Gynecologic Simulator	NA	\$ 543.04
874-9	S504.2	Set of 7 normal & abnormal uteri with internal pathologies	S504	\$ 222.15
874-9	S504.3	48 hr. postpartum uterus	S504	\$ 138.23
874-9	S504.5	10 min. postpartum uterus	S504	\$ 138.23

SIN	Product#	Item Name in Catalog	Option for Product	GSA Price w/IFF
874-9	S505	Cervical Replicas	NA	\$ 123.42
874-9	S506	Female Pelvic Organs I	NA	\$ 93.80
874-9	S507	Uterus	NA	\$ 19.75
874-9	S507.100	Uterus II	NA	\$ 19.75
874-9	S509	Female Condom Model	NA	\$ 148.10
874-9	S511	Female Pelvic Organs III	NA	\$ 222.15
874-9	S516	Intra-Uterine Dev. Trainer	NA	\$ 824.44
874-9	S517	Male Condom Model	NA	\$ 93.80
874-9	S518	No Scalpel Vasectomy (NSV) Model	NA	\$ 222.15
874-9	S519	RITA Reproductive Implant Training Arm	NA	\$ 93.80
874-9	S550	Noelle Maternal & Neonatal Birthing Sim	NA	\$ 3,450.79
874-9	S550.100	Noelle Maternal Birthing Simulator with PEDI Blue Neonate	NA	\$ 3,944.46
874-9	S550.101	Noelle Birth Canal	S550	\$ 291.27
874-9	S550.50	Noelle Cervices	S550	\$ 192.53
874-9	S551	Noelle Maternal Birthing Sim	NA	\$ 2,858.38
874-9	S552	Noelle Maternal Birthing Torso	NA	\$ 1,826.60
874-9	S554.100.210	Micro+ Recording & Debriefing	S554.100	\$ 3,944.46
874-9	S554.100.210	Micro+ Recording & Debriefing	Multiple	\$ 3,944.46
874-9	S554.100.210.U	Micro+ Recording & Debriefing	S554.100	\$ 4,931.81
874-9	S554.100.210.U	Micro+ Recording & Debriefing Upgrade	Multiple	\$ 4,931.81
874-9	S554.100.311	Audience Response Sys for Micro+ -	S554.100	\$ 2,957.11
874-9	S554.100.311	Audience Response System for Micro+	Multiple	\$ 2,957.11
874-9	S554.100.L	NOELLE	NA	\$ 16,780.01
874-9	S555.100.310	Wireless keypads	S555.100	\$ 488.74
874-9	S555.100.L	NOELLE MOES	NA	\$ 21,716.76
874-9	S574.100.L	Noelle and birthing fetus	NA	\$ 33,564.96
874-9	S575.100.002	Add. TouchScreen Tablet	S575.100	\$ 3,105.22
874-9	S575.100.211	Pro+ Recording & Debriefing Sys.	S575.100	\$ 10,855.91
874-9	S575.100.211.U	Pro+ as an upgrade	S575.100	\$ 12,830.61
874-9	S575.100.300	Wireless Streaming Audio	S575.100	\$ 2,962.05
874-9	S575.100.400	Maternal Drug Recognition Sys.	S575.100	\$ 12,830.61
874-9	S575.100.400	Automatic Drug Recognition System	S575.100	\$ 12,830.61
874-9	S575.100.600	Maternal Auto Mode	S575.100	\$ 9,868.56
874-9	S575.100.600	Auto Physiologic Control	S575.100	\$ 9,868.56
874-9	S575.100.L	Noelle w/Newborn HAL	NA	\$ 43,438.46
874-9	S576.100.L	Noelle w/Premie HAL	NA	\$ 42,451.11
874-9	S607	Hysteroscopy Simulator	NA	\$ 488.74
874-9	V100	Adv. Venipuncture Trainer	NA	\$ 296.21
874-9	V100.1	Carrying Case	V100	\$ 39.49
874-9	V100.2	One gallon simulated blood	V100	\$ 24.68
874-9	V400P	Chester Chest	NA	\$ 765.20
874-9	V450	Peter PICC	NA	\$ 686.21
874-9	W501	Conditions of the Testicle	NA	\$ 128.36
874-9	W90	Cervical Dilatation	NA	\$ 108.61
874-9	WK100.L	Emergency Wound Kit	Multiple	\$ 488.74
874-9	WK105.L	Burns Wound Kit	Multiple	\$ 390.00
874-9	WK110.L	Trauma Wound Kit	Multiple	\$ 444.31
874-9	WK115	Wound Overlay Bonding Kit	Multiple	\$ 34.56
874-9	WK120.L	Casualty Wound Kit	Multiple	\$ 587.47