

GENERAL SERVICES ADMINISTRATION
FEDERAL SUPPLY SERVICE
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST

SCHEDULE 00CORP – Professional Services Schedule (PSS)



Phoenix Global Support, LLC

3139 Doc Bennet RD. • Fayetteville, NC 28306
P. 910-401-2162 • F. 910-401-2182

Contract Number: GS-02F-0248X
Contract period: September 06, 2011 through September 05, 2021
Pricelist Version: PO-0034 dated June 8, 2016
DUNS: 807922443
NAICS: 611710
WEB: www.PGSUP.com
Business size: Service Disabled, Veteran-Owned
Small Business (SDVOSB)



SIN	Description
874-4/RC	Training Services: Instructor Led Training, Web Based Training and Education Courses, Course Development and Test Administration, Learning Management Internships

Contact for Contract Administration:
James A. Lyons, CEO, jlyons@pgsup.com

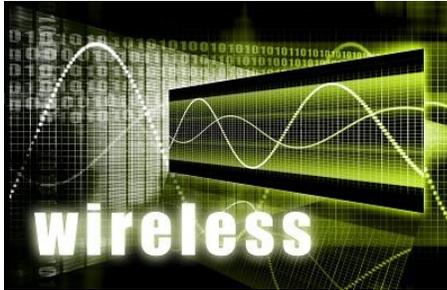
On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA Advantage!**, a menu-driven database system. The INTERNET address for **GSA Advantage!** is <http://www.gsadvantage.gov>

For more information on ordering from Federal Supply Schedules click on the GSA Schedules link at www.gsa.gov



ABOUT US

Our Mission and Certified Training Standards



Our mission is to provide intelligence training, and operational support and services solutions to defeat Global Terrorism, secure our homeland and defend the American way of life.

Through standardized, professional, and repeatable services and training, we provide the intelligence community with world class support, allowing our customers to *Target the World*.

As experienced operators, our instructors passionately care about empowering the student through detailed training and in-

depth understanding of the material presented.

Wireless Communications

Theories and Applications

Phoenix Global Support, LLC offers both theoretical instruction and field operational training for the entire wireless communications spectrum. With a technological frontier evolving and morphing at an accelerated pace, it is imperative that our clients have a single, one stop training resource they can depend on to enable them to adapt to current and emerging technologies.

Anyone can push buttons. A multi-faceted pool of trained resources with an in-depth understanding of the core technologies, is prepared to adapt to real-time dynamic challenges. A superior academic core curriculum, coupled with the opportunity to experience the challenges that field training variables can present, allows our instructors to train students to become adaptable, innovative assets to meet the mission demands experienced in a multiplicity of environments.

We train novice operators, seasoned engineers, action officers, and executives at our campus training facility located in Fayetteville, North Carolina, or at any location designated by the client. We build mission ready teams.

With these performance standards, offered at sensible and affordable rates, Phoenix Global Support, LLC is positioned as the dominant market leader in wireless communications training, services and support.

Phoenix Global Support is certified by the U.S. Government, and by multiple original equipment manufacturers as a preferred communications instruction and training provider for ground, airborne, seaborne and train-the-trainer training, for multiple communications technologies.

As an ISO 9001 certified company, Phoenix Global Support meets the highest standards of performance and compliance, having demonstrated strong customer focus, and a quality management approach to sustained success.

Certification by the International Organization for Standardization, confirms our unity of purpose and direction, fully involving instructors, consultants and staff to achieve the objectives established by corporate leadership.



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1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs):

SIN	Description
874-4/RC	Training Services: Instructor Led Training, Web Based Training and Education Courses, Course Development and Test Administration, Learning Management Internships

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

Not Applicable

1c. HOURLY RATES: (Services Only):

Labor Category Title	GSA Net Rate
Subject Matter Expert	\$155.86
Program Manager	\$108.12
Senior Project/Business Manager	\$108.12
Senior Trainer	\$106.99
Senior Training Specialist	\$106.99
Training Specialist	\$62.08

Subject Matter Expert

Functional Responsibility: Will provide expertise technical support (i.e., PGL, SIGINT, Terrestrial technologies, relevant Tactics, Techniques, and Procedures (TTP), Operations and Operational Testing) and management support on issues in the wireless and next generation wireless systems and hardware. Must have and be able to apply a thorough understanding of the wireless technologies to design, develop and advise on future trends and needs. Supervises monitoring, troubleshooting, problem resolution, and system administration. Be able to work independently or in teams, confident leading project teams and be knowledgeable about and be able to brief on industry issues and solutions. Directs and manages training courseware development and delivery techniques. Prepares and presents company capabilities demonstration and briefings to customers. Advises key leadership of wireless issues and challenges as appropriate. May support crisis action planning and 24/7 operations. May represent the organization at working groups, meetings, conferences, and seminars. Conduct other technology activities as assigned.

Educational Level: Bachelor's Degree

Minimum Years of Experience: 8

Program Manager

Functional Responsibility: Acts as the overall lead, manager and administrator for the contract effort. Serves as the primary interface and point of contact with government program authorities and representatives on technical and program/project issues. Supervises program/project operations by developing procedures, planning and directing execution of the technical, programming, maintenance and administrative support effort and monitoring and reporting progress. Manages acquisition and employment of program/project resources. Manages and controls financial and administrative aspects of the program/project with respect to contract requirements. As a result of the above functions, a Secret to Top Secret clearance is required for the position.

Educational Level: Master's Degree

Minimum Years of Experience: 8

Senior Project / Business Manager

Functional Responsibility: Responsible for business and financial, programmatic and administrative aspects of project performance (i.e., contractual, administrative, deliverables management, program performance metrics and financial management). Manages and supervises personnel involved in relevant areas of project activity. Supports the program and program manager in the program/project organization and metrics gathering and analysis. Shares responsibility for program financial and business management with Program Manager. In conjunction with the Program Manager, establishes and maintains technical and financial reports in order to show progress to Program Manager, and government program authorities

(i.e., management and clients). Maintains client contact to ensure conformity to all contractual obligations. In conjunction with the program manager, supports the development, maintenance, and implementation of work order management plans; a document that guides the performance of all functional activities performed on the individual work orders. Monitors and reports on program progress relative to program plans, (i.e., planned vs. actual), with respect to programmatic and financial baselines.

Educational Level: Bachelor's Degree

Minimum Years of Experience: 10

Senior Trainer

Functional Responsibility: Identifies, develops, implements, and conducts training and instruction of technical-based subject matter related to computer hardware/software, communications, local and wide area networking, Internet, video, imaging, business processes, Government regulations, procurement/acquisition, strategic planning, etc., as required for a particular situation. Designs, develops, prepares and refines training curriculum and course materials for various classroom and other instructional environments.

Educational Level: Bachelor's Degree

Minimum Years of Experience: 4

Senior Training Specialist

Functional Responsibility: Conducts the research necessary 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.

Educational Level: Bachelor's Degree

Minimum Years of Experience: 8

Training Specialist

Functional Responsibility: This position is responsible for the design and delivery of a variety of training courses and/or other interventions for countrywide employees. Involves creating pro-active and responsive solutions to business needs and seizing opportunities for continuous improvement in individual, team, business unit and organizational performance. Specific duties include preparation and facilitation of training courses both live and on-line and/or other interventions for employees to include the design of instructional materials for training designs and participant materials. Responsible for performing miscellaneous duties related to training and development. Trains personnel by conducting formal classroom courses, workshops and seminars.

Educational Level: High School Degree.

Minimum Years of Experience: 4

2. MAXIMUM ORDER:

\$1,000,000

3. MINIMUM ORDER:

\$100.00

4. GEOGRAPHIC COVERAGE:

Domestic delivery is delivery within the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories. Domestic delivery also includes a port or consolidation point, within the aforementioned areas, for orders received from overseas activities.

Overseas delivery is delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and U.S. Territories. Delivery is FOB Origin with direct shipment to the customer via FedEx or DHL.

5. POINT(S) OF PRODUCTION:

Phoenix Global Support
3139 Doc Bennett RD.
Fayette, NC 283306

6. DISCOUNT FROM LIST PRICES:

Prices are listed as GSA Net, Discount Deducted and IFF included.

7. QUANTITY DISCOUNT(S):

Category	Discount
Labor Categories	0%
Category	Discount
Training Courses	3.5%- 10-19 Students
	6%- 20-29 Students
	8.5%- 30+ Students

8. PROMPT PAYMENT TERMS:

None. Net 30

9A. GOVERNMENT PURCHASE CARDS MUST BE ACCEPTED AT OR BELOW THE MICRO-PURCHASE THRESHOLD.

Yes. Government Purchase Cards are accepted at or below the micro-purchase threshold.

9B. GOVERNMENT PURCHASE CARDS ARE ACCEPTED ABOVE THE MICRO-PURCHASE THRESHOLD.

Yes. Government Purchase Cards are accepted above the micro-purchase threshold.

10. FOREIGN ITEMS:

N/A

11a. TIME OF DELIVERY:

The contractor shall deliver to destination within the number of calendar days after receipt of order (ARO), as stated in 11b, 11c, & 11d.

11b. EXPEDITED DELIVERY:

Please Contact Contractor

11c. OVERNIGHT AND 2-DAY DELIVERY:

Please Contact Contractor

11d. URGENT REQUIREMENTS:

When the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract

12. FOB POINT:

Destination

13a. ORDERING ADDRESS:

Phoenix Global Support
2301 Robeson Plaza, Suite 102
Fayette, NC 28305

- 13b. ORDERING PROCEDURES:**
For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in FAR 8.405-3
- 14. PAYMENT ADDRESS:**
Phoenix Global Support
2301 Robeson Plaza, Suite 102
Fayette, NC 28305
- 15. WARRANTY PROVISION:**
Contractor's standard Commercial Warranty
- 16. EXPORT PACKING CHARGES:**
N/A
- 17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:**
Please contact Contractor
- 18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):**
N/A
- 19. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):**
N/A
- 20. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):**
N/A
- 20a. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):**
N/A
- 21. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):**
N/A
- 22. LIST OF PARTICIPATING DEALERS (IF APPLICABLE):**
N/A
- 23. PREVENTIVE MAINTENANCE (IF APPLICABLE):**
N/A
- 24a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES**
N/A
- 24b. SECTION 508 COMPLIANCE FOR EIT:**
The EIT Standards can be found at: www.section508.gov/
Information can be found at: www.PGSUP.com
- 25. DUNS NUMBER:**
807922443
- 26. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:**
Phoenix Global Support has an active Registration in the SAM database.

GSA Prices- Training Courses

SIN	Training Course Title	Description	Length	Minimum Participants	Maximum Participants	Price Per Course or Student	List Price	GSA Discount	GSA Price w/o IFF	GSA Price w/IFF	Volume Discount%: 10-19 Students 3.5%	Volume Discount%: 20-29 Students 6%	Volume Discount%: 30+ Students 8.5%
874-4	2G Field Survey Course, CRS#: PGS2G00175ur	Textbook(s): Phoenix Global Support. 2G Field Survey Course. Course Prerequisites: Preferred: 2G Theory Course Description: This training will provide students with knowledge of basic GSM surveys to include: survey tools, survey planning, manual surveys, automatic surveys, Cell mapping, and survey analysis. Course Goals: Students will understand and be able to identify key aspects of GSM Network Functionality to support intelligence operations. Course Objectives: Upon successful completing this program, students will be able to understand a GSM network's architecture, functionality, and broadcasted parameters to be used for follow-on operations. Course Purpose and Approach: The GSM Field Survey Course teaches students through an intensive series of practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.	32 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	N/A	Student, cost include: 1. Student Course Book 2. Equip and range for network survey exercise All courses are conducted at PGS Fayetteville Training Campus in secure classrooms. Course are exportable and can be taught at customer's location.	\$607.54	1%	\$601.46	\$606.01	\$586.28	\$571.09	\$555.90
874-4	3G (C) Field Survey Course, CRS#: PGS3G00185ur	Textbook(s): Phoenix Global Support. 3G Field Survey Course. Course Prerequisites: Preferred: 3G (U) Theory Course Description: This training will provide students with knowledge of basic 3G surveys to include: survey tools, survey planning, manual surveys, automatic surveys, Cell mapping, and survey analysis. Course Goals: Students will understand and be able to identify key aspects of 3G Network Functionality to support intelligence operations. Course Objectives: Upon successful completing this program, students will be able to understand a 3G network's architecture, functionality, and broadcasted parameters to be used for follow-on operations. Course Purpose and Approach: The 3G Field Survey Course teaches students through an intensive series of practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.	32 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	N/A	Student, cost include: 1. Student Course Book 2. Equip and range for network survey exercise All courses are conducted at PGS Fayetteville Training Campus in secure classrooms. Course are exportable and can be taught at customer's location.	\$607.54	1%	\$601.46	\$606.01	\$586.28	\$571.09	\$555.90
874-4	3G (U) Field Survey Course, CRS#: PGS4U00195ur	Textbook(s): Phoenix Global Support. 3G Field Survey Course. Course Prerequisites: Preferred: 3G (U) Theory Course Description: This training will provide students with knowledge of basic UMTS surveys to include: survey tools, survey planning, manual surveys, automatic surveys, Cell mapping, and survey analysis. Course Goals: Students will understand and be able to identify key aspects of UMTS Network Functionality to support intelligence operations. Course Objectives: Upon successful completing this program, students will be able to: Understand a UMTS network's architecture, functionality, and broadcasted parameters to be used for follow-on operations. Course Purpose and Approach: The 3G (U) Field Survey Course teaches students through an intensive series of practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.	32 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	N/A	Student, cost include: 1. Student Course Book 2. Equip and range for network survey exercise Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$607.54	1%	\$601.46	\$606.01	\$586.28	\$571.09	\$555.90
874-4	4G LTE Field Survey Course, CRS#: PGS4L00205ur	Textbook: Phoenix Global Support. 4G Field Survey Course. Course Prerequisites: Preferred 4G Theory Course Description: This training will provide students with knowledge of basic LTE surveys to include: survey tools, survey planning, manual surveys, automatic surveys, Cell mapping, and survey analysis. Course Goals: Students will understand and be able to identify key aspects of LTE Network Functionality to support intelligence operations Course Objectives: Upon successful completing this program, students will be able to: Understand a LTE network's architecture, functionality, and broadcasted parameters to be used for follow-on operations. Course Purpose and Approach: The 4G Field Survey Course teaches students through an intensive series of practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.	32 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	N/A	Student, cost include: 1. Student Course Book 2. Equip and range for network survey exercise Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$607.54	1%	\$601.46	\$606.01	\$586.28	\$571.09	\$555.90
874-4	Advance Unmanned Aerial System (UAS) Payloads Training and Certification Course, CRS#: UAS140052Adv	Textbook(s): Student handbooks provided by PGS for student use Course Prerequisites: Working knowledge of 11th grade math, military communications procedures, and Microsoft Windows applications. Course Description: This course is an operator-focused certification course for service specific GFE equipment suites and includes; Theory, New Equipment Training, and Air Applications Training. Course Goals: Students will understand and be able to identify key aspects of RF Propagation and PTT, 2G Theory, 3G Theory, Wi-Fi, Survey, and communication/data link to support operations. Recognize and explain system parameters and operation, be able to operate, maintain, and troubleshoot the GFE to effectively utilize a remote terminal (UAS) to independently perform survey and precision geo-location operations. Course Objectives: Upon successful completion of this program, students will be able to: operate, maintain, and troubleshoot each variation of GFE and remote terminal system to independently and effectively perform PGL operations. Course Purpose and Approach: This course provides graduate with certification for the GFE equipment remote airborne operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	200 clock hours total: 66 hours of classroom instruction/lecture, 36 hours of practical applications, and 94 hours of Air applications and 4 hours testing and evaluation.	8	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft, and Range for practical and culmination exercises.	\$15,273.79	1%	\$15,121.06	\$15,235.32	\$14,739.21	\$14,357.37	\$13,975.52
874-4	Advanced 2G/3G Survey Course, CRS#: PGS23G0165ur	Textbook(s): Phoenix Global Support. Advanced Field Survey Course. Course Prerequisites: Preferred: GSM/CDMA Theory Course Description: This training will provide students with in-depth knowledge of 2G/3G surveys to include: survey tools, survey planning, manual surveys, automatic surveys, Cell mapping, and survey analysis. Course Goals: Students will understand and be able to identify key aspects of 2G/3G Network Functionality to support intelligence operations. Course Objectives: Upon successful completing this program, students will be able to: Understand a 2G or 3G network's architecture, functionality, and broadcasted parameters to be used for follow-on operations. Students will be able to produce an air gap survey for documentation, briefing, or initial theater preparations. Course Purpose and Approach: The Advanced 2G/3G Survey Course teaches students through an intensive series of practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.	120 total clock hours: 59 clock hours of classroom instruction/lecture, 21 clock hours of Practical Exercises and 40 clock hours of Culmination Field Training	6	N/A	Student, cost include: 1. Student Course Book 2. Equip and range for network survey exercise All courses are conducted at PGS Fayetteville Training Campus in secure classrooms. Course are exportable and can be taught at customer's location with the addition of travel expenses.	\$2,202.64	1%	\$2,180.61	\$2,197.09	\$2,125.55	\$2,070.48	\$2,015.41

GSA Prices- Training Courses

SIN	Training Course Title	Description	Length	Minimum Participants	Maximum Participants	Price Per Course or Student	List Price	GSA Discount	GSA Price w/o IFF	GSA Price w/IFF	Volume Discount%: 10-19 Students 3.5%	Volume Discount%: 20-29 Students 6%	Volume Discount%: 30+ Students 8.5%
874-4	Applied 2G Theory Course, CRS#: PGS2G0013Thy	<u>Textbook(s)</u> : Phoenix Global Support. Applied 2G Theory. Lawrence Harte, Bruce Bromley, Mike Davis (2011). Introduction to Global System for Mobile Communication (GSM): Physical Channels, Logical Channels, Network, and Operation. ALTHOS Publishing. <u>Course Description</u> : This training will provide students with knowledge of basic RF Propagation, GSM theory and Network Functionality. <u>Course Goals</u> : Students will understand and be able to identify key aspects of RF Propagation, GSM Theory and Network Functionality to support intelligence operations. <u>Course Objectives</u> : Upon successful conclusion of this course, students will be able to: 1. Identify basic RF Applied Principles 2. Describe basic GSM Theory 3. Reproduce basic GSM network composition and access 4. Demonstrate aspects of GSM network surveys for operations <u>Course Purpose and Approach</u> : The Applied GSM Theory Course teaches students through an intensive series of daily lectures. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block lectures highlighting field operations.	40 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	24	Student, cost include: 1. GSM Pre-read 2. Student Course Book 3. Equip and range for network survey exercise All courses are conducted at PGS Fayetteville Training Campus in secure classrooms. Course are exportable and can be taught at customer's location with the addition of travel expenses	\$760.73	1%	\$753.12	\$758.81	\$734.10	\$715.08	\$696.06
874-4	Applied 3G (C) Theory Course, CRS#: PGS3G0014Thy	<u>Textbook(s)</u> : Phoenix Global Support. Applied 3G(C) Theory course. Lawrence Harte, Bruce Bromley, Mike Davis (2012) Introduction to Code Division Multiple Access (CDMA): Physical Channels, Logical Channels, Network, and Operation. ALTHOS Publishing. <u>Course Description</u> : Phoenix Global Support's learning model focuses on developing operator-practitioners through learning that incorporates both theoretical knowledge and relevant experiences. Instructor led lectures and training will provide students with an overview on CDMA One and CDMA2000 Theory, Principles and Network Functionality. <u>Course Goals</u> : Students will understand and be able to identify key aspects of CDMA One and CDMA2000 Theory and Principles, and Network Functionality to support intelligence operations. <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: 1. Explain basic CDMA Theory and Principles 2. Explain basic CDMA network composition and access 3. Describe basic CDMA network functionality and interaction <u>Course Purpose and Approach</u> : The CDMA Principles Course teaches students through an intensive series of daily lectures. The course challenges learners to balance analysis with interpretation through building block lectures highlighting field operations. Both learners and instructors move along the continuum, digesting terms and definitions along with principles to build and apply knowledge in checks on knowledge or performance evaluations to demonstrate mastery of CDMA principles. The purpose is to expand the student's work identification skills and strategies to critical thought.	40 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	24	Student, cost include: 1. CDMA Pre-read 2. Student Course Book 3. Equip and range for network survey exercise All courses are conducted at PGS Fayetteville Training Campus in secure classrooms. Course are exportable and can be taught at customer's location with the addition of travel expenses	\$760.73	1%	\$753.12	\$758.81	\$734.10	\$715.08	\$696.06
874-4	Applied 3G (U) Theory Course, CRS#: PGS4U0015Thy	<u>Textbook(s)</u> : Phoenix Global Support. Applied 3G(U) Theory course. Bruce Bromley, Mike Davis (2014). UMTS: Physical Channels, Logical Channels, Network, and Operation. <u>Course Description</u> : Phoenix Global Support's learning model focuses on developing operator-practitioners through learning that incorporates both theoretical knowledge and relevant experiences. Instructor led lectures and training will provide students with an overview on UMTS Theory, Principles and Network Functionality. <u>Course Goals</u> : Students will understand and be able to identify key aspects of UMTS Theory and Principles, and Network Functionality to support intelligence operations. <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: 1. Explain basic UMTS Theory and Principles; 2. Explain basic UMTS network composition and access; 3. Describe basic UMTS network functionality and interaction. <u>Course Purpose and Approach</u> : The UMTS Theory Course teaches students through an intensive series of daily lectures. The course challenges learners to balance analysis with interpretation through building block lectures highlighting field operations. Both learners and instructors move along the continuum, digesting terms and definitions along with principles to build and apply knowledge in checks on knowledge or performance evaluations to demonstrate mastery of UMTS principles. The purpose is to expand the student's work identification skills and strategies to critical thought.	40 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	24	Student, cost include: 1. UMTS Pre-read 2. Student Course Book 3. Equipment and Range for network survey exercise. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$760.73	1%	\$753.12	\$758.81	\$734.10	\$715.08	
874-4	Applied 4G LTE Theory Course, CRS#: PGS4L0016Thy	<u>Textbook(s)</u> : Phoenix Global Support. Applied 4G Theory course. <u>Course Prerequisite</u> : Preferred- some familiarization with GSM, CDMA, and UMTS theories <u>Course Description</u> : Phoenix Global Support's learning model focuses on developing operator-practitioners through learning that incorporates both theoretical knowledge and relevant experiences. Instructor led lectures and training will provide students with an overview on LTE Theory, Principles and Network Functionality. <u>Course Goals</u> : Students will understand and be able to identify key aspects of LTE Theory and Principles, and Network Functionality to support intelligence operations. <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: 1. Explain basic LTE Theory and Principles; 2. Explain basic LTE network composition and access; 3. Describe basic LTE network functionality and interaction <u>Course Purpose and Approach</u> : The LTE Theory Course teaches students through an intensive series of daily lectures. The course challenges learners to balance analysis with interpretation through building block lectures highlighting field operations. Both learners and instructors move along the continuum, digesting terms and definitions along with principles to build and apply knowledge in checks on knowledge or performance evaluations to demonstrate mastery of LTE principles. The purpose is to expand the student's work identification skills and strategies to critical thought.	40 Total clock hours of classroom instruction/lecture w/ 4 hour network survey exercise	6	24	Student, cost include: 1. Student Course Book 2. Equipment and Range for network survey exercise. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$760.73	1%	\$753.12	\$758.81	\$734.10	\$715.08	
874-4	Basic Ground SIGINT Operator Course, CRS#: SFSOC140054XA	<u>Textbook(s)</u> : Phoenix Global Support. Basic Ground SIGINT Operator's Course. Lawrence Harte, Bruce Bromley, Mike Davis (2011) Introduction to Global System for Mobile Communications (GSM): Physical Channels, Logical Channels, Network, and Operation. Althos Publishing. <u>Course Description</u> : This training will provide students with Leadership (Squad and Troop) and Small Unit Tactics skills to integrate with and support a special operations team. Knowledge of RF, PTT, and 2G Theories and the abilities to operate various equipment to provide Electronic Warfare support to a special operations team. The course concludes with a five day culmination exercise to evaluate the students in their application of all newly acquired skills. <u>Course Goals</u> : Students will demonstrate basic tactical skills and Electronic Warfare knowledge and skills of equipment to support intelligence operations. <u>Course Objectives</u> : Upon successfully completing this program, students will be able to: 1. Demonstrate mental and physical toughness 2. Perform Small Unit Tactics, Land Navigation, Squad Leadership, and Troop Leading Procedures 3. Perform Special Operations Mission Planning and back briefs 4. Perform communication network surveys to support intelligence operations planning 5. Utilize RF equipment to exploit PTT and GSM Communications 6. Utilize Vendetta equipment as a certified operator <u>Course Purpose and Approach</u> : The Basic Ground SIGINT Operator Course teaches students through an intensive series of lectures, practical applications, and field training. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	43 Non-Standard Training Day Course, split between a Phase 1, Leadership Development and Small Unit Tactics and Phase 2, RF Principles, DF Theory, and 2G Theory and Certification. Course terminates at the conclusion of a Culmination Exercise.	12	16	Student, cost include: 1. Student Course Books 2. Equipment Lab 3. Non-GFE, Vehicles, Range and targets for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$8,500.00	1%	\$8,415.00	\$8,478.59	\$8,202.50	\$7,990.00	\$7,777.50

GSA Prices- Training Courses

SIN	Training Course Title	Description	Length	Minimum Participants	Maximum Participants	Price Per Course or Student	List Price	GSA Discount	GSA Price w/o IFF	GSA Price w/IFF	Volume Discount%: 10-19 Students 3.5%	Volume Discount%: 20-29 Students 6%	Volume Discount%: 30+ Students 8.5%
874-4	Electronic Warfare/Collection Equipment Course (Long), CRS#: PGSLG0032Eq	<p><u>Textbook(s)</u>: Phoenix Global Support. Precision Geo-Location Equipment Handbook.</p> <p><u>Course Prerequisites</u>: Applied GSM Theory course or in-depth knowledge of RF Theory and 2G or 3G Theory (equipment dependent) and equipment application</p> <p><u>Course Description</u>: This training will provide students with thorough knowledge of the electronic warfare/collection equipment (customer specified) and supportable direction finding equipment</p> <p><u>Course Goals</u>: Students will understand and be able to install, operate, maintain and troubleshoot the electronic warfare/SIGINT collection equipment to perform mobile interrogation, collection, denial of service, and target preparation for direction finding operations and target location</p> <p><u>Course Objectives</u>: Upon successfully completing this program, students will be able to:</p> <ol style="list-style-type: none"> 1. Install, operate, maintain, troubleshoot the electronic warfare/SIGINT collection equipment to perform mobile interrogation, collection, denial of service, and direction finding operations 2. Coordinate preparation of selected targets to assist with direction-finding and target location support to ground teams with supportable direction finding equipment <p><u>Course Purpose and Approach</u>: The Precision Geo-Location Course teaches students through an intensive series of daily instructional lessons which include explicit procedures, activities, and materials to demonstrate comprehension of course content. The purpose is to expand the student's work identification skills and strategies to critical thought and challenges students to balance analysis with interpretation. Students use interactive labs and field exercises in a systematic approach towards competent, self-directed operation of the electronic warfare/SIGINT collection equipment with supportable direction finding equipment.</p>	24 clock hours of combined classroom instruction/lab/applications exercise	6	N/A	Student, cost include: 1. GSM Pre-read 2. Student Course Book 3. Equipment Lab 4. Non-GFE/Vehicle/Range for network survey/Interaction exercise	\$816.43	1%	\$808.26	\$814.37	\$787.85		
874-4	Electronic Warfare/Collection Equipment Course (Long, With Culmination Exercise), CRS#: PGSLG0033Eq	<p><u>Textbook(s)</u>: Phoenix Global Support. Precision Geo-Location Equipment Handbook</p> <p><u>Course Prerequisites</u>: Applied GSM Theory course or in-depth knowledge of GSM and RF Theory and application equipment and supportable direction finding equipment</p> <p><u>Course Description</u>: This training will provide students with thorough knowledge of the electronic warfare/collection equipment and supportable direction finding equipment</p> <p><u>Course Goals</u>: Students will understand and be able to install, operate, maintain and troubleshoot the electronic warfare/SIGINT collection equipment to perform mobile interrogation, collection, denial of service, and target preparation for direction finding operations and target location</p> <p><u>Course Objectives</u>: Upon successfully completing this program, students will be able to:</p> <ol style="list-style-type: none"> 1. Install, operate, maintain, troubleshoot the electronic warfare/SIGINT collection equipment to perform mobile interrogation, collection, denial of service, and direction finding operations 2. Coordinate preparation of selected targets to assist with direction-finding and target location support to ground teams with supportable direction finding equipment <p><u>Course Purpose and Approach</u>: The Precision Geo-Location Course teaches students through an intensive series of daily instructional lessons which include explicit procedures, activities, and materials to demonstrate comprehension of course content. The purpose is to expand the student's work identification skills and strategies to critical thought and challenges students to balance analysis with interpretation. Students use interactive labs and field exercises in a systematic approach towards competent, self-directed operation of the electronic warfare/SIGINT collection equipment with supportable direction finding equipment.</p>	32 clock hours of combined classroom instruction/lab with culmination exercise	6	N/A	Student, cost include: 1. GSM Pre-read 2. Student Course Book 3. Equipment Lab 4. Non-GFE/Vehicle/ Range for network survey/Interaction exercise	\$1,586.22	1%	\$1,570.35	\$1,582.22	\$1,530.70		
874-4	Electronic Warfare/Collection Equipment Course (Short), CRS#: PGSS00031Eq	<p><u>Textbook(s)</u>: Phoenix Global Support. Precision Geo-Location Equipment Handbook</p> <p><u>Course Prerequisites</u>: Applied GSM Theory course or in-depth knowledge of RF Theory and 2G or 3G Theory (equipment dependent) and equipment application</p> <p><u>Course Description</u>: This training will provide students with thorough knowledge of the electronic warfare/collection equipment (customer specified) and supportable direction finding equipment</p> <p><u>Course Goals</u>: Students will understand and be able to install, operate, maintain and troubleshoot the electronic warfare/SIGINT collection equipment to perform mobile interrogation, collection, denial of service, and target preparation for direction finding operations and target location</p> <p><u>Course Objectives</u>: Upon successful completion of this program, students will be able to:</p> <ol style="list-style-type: none"> 1. Install, operate, maintain, troubleshoot the electronic warfare/SIGINT collection equipment to perform mobile interrogation, collection, denial of service, and direction finding operations 2. Coordinate preparation of selected targets to assist with direction-finding and target location support to ground teams with supportable direction finding equipment <p><u>Course Purpose and Approach</u>: The Precision Geo-Location Course teaches students through an intensive series of daily instructional lessons which include explicit procedures, activities, and materials to demonstrate comprehension of course content. The purpose is to expand the student's work identification skills and strategies to critical thought and challenges students to balance analysis with interpretation. Students use interactive labs and field exercises in a systematic approach towards competent, self-directed operation of the electronic warfare/SIGINT collection equipment with supportable direction finding equipment.</p>	16 clock hours of combined classroom instruction/lab	6	N/A	Student, cost include: 1. GSM Pre-read 2. Student Course Book 3. Equipment Lab 4. Non-GFE/Vehicle/Range for network survey/Interaction exercise	\$410.60	1%	\$406.49	\$409.57	\$396.23		
874-4	Intelligence Surveillance Reconnaissance (ISR) Capable Aircraft Support	Intelligence Surveillance Reconnaissance (ISR) to support SIGINT training exercises, aircraft cost include pilot, fuel, mooring.	Per Flight Hour	N/A	N/A	Flight Hour	\$1,959.26	1%	\$1,939.67	\$1,954.32			
874-4	Next Generation Wireless Mode 1 (2G) Airborne Certification CRS#: NGW1G1304Air	<p><u>Textbook(s)</u>: None</p> <p><u>Course Prerequisites</u>: NGW Mode 1 Ground Certification. Passing grade on course pre-test.</p> <p><u>Course Description</u>: This course is an operator-focused certification course for the Vendetta equipment</p> <p><u>Course Goals</u>: Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system, to effectively integrate with a 2G network and geo-locate a mobile device</p> <p><u>Course Objectives</u>: Upon successful completion of this program, students will be able to:</p> <ol style="list-style-type: none"> 1. Certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 2G network with the intent to geo-locate a mobile device of interest <p><u>Course Purpose and Approach</u>: This course meets the requirements for operator certification for use of the Vendetta equipment in a manned airborne environment. This course utilizes a blended learning format to provide students with a thorough knowledge of the Vendetta equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification</p> <p>*Certification equipment is "Government Furnished Equipment" and needs to be coordinated between PGS and customer prior to scheduling students.*</p>	40 clock hours total: 6 hours of classroom instruction/lecture, 2 hours of practical applications, and 31 hours of Air applications and 1 hours testing and evaluation.	4	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft Flight Time, and Range for practical and culmination exercises.	\$11,314.31	1%	\$11,201.17	\$11,285.81	\$10,918.31	\$10,635.45	\$10,352.59
874-4	Next Generation Wireless Mode 1 (2G) Airborne Re-certification CRS#: NGW1GR410Air	<p><u>Textbook(s)</u>: None</p> <p><u>Course Prerequisites</u>: Prior NGW Mode 1 Air Certification. Passing grade on course pre-test.</p> <p><u>Course Description</u>: This course meets requirement for annual re-certification course for the Vendetta equipment</p> <p><u>Course Goals</u>: Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system</p> <p><u>Course Objectives</u>: Upon successful completion of this program, students will be able to:</p> <ol style="list-style-type: none"> 1. Certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 2G network with the intent to geo-locate a mobile device of interest <p><u>Course Purpose and Approach</u>: This course meets the requirements for operator re-certification for use of the Vendetta equipment in a manned airborne environment. This course is a condense version of the certification training and certification course with the intent to re-certify operators. *Certification equipment is "Government Furnished Equipment" and needs to be coordinated between PGS and customer prior to scheduling students.*</p>	20 clock hours total: 8 hours of classroom instruction/lab, 12 practical applications, evaluation and certification with simulator.	4	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft Flight Time, and Range for practical and culmination exercises.	\$611.93	1%	\$605.81	\$610.39	\$590.51	\$575.22	\$559.92

GSA Prices- Training Courses

SIN	Training Course Title	Description	Length	Minimum Participants	Maximum Participants	Price Per Course or Student	List Price	GSA Discount	GSA Price w/o IFF	GSA Price w/IFF	Volume Discount%: 10-19 Students 3.5%	Volume Discount%: 20-29 Students 6%	Volume Discount%: 30+ Students 8.5%
874-4	Next Generation Wireless Mode 1 (2G) Ground Certification CRS#: NGW1G1301Gnd	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Applied 2G Theory course or in-depth knowledge of 2G and RF Theory and application. Passing grade on course pre-test. <u>Course Description</u> : This course is an operator-focused certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system, to effectively integrate with a GSM network and geo-locate a mobile device <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot Vendetta equipment to effectively integrate with a GSM network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator certification for use of the Vendetta equipment ground operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the Vendetta equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic operational environments for certification *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	40 total clock hours: 8 hours of classroom instruction/lecture, 4 hours of practical applications, and 20 hours of field (Ground) applications and 8 hours testing and evaluation	3	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$1,515.20	1%	\$1,500.04	\$1,511.38	\$1,462.16	\$1,424.28	\$1,386.40
874-4	Next Generation Wireless Mode 1 (2G) Ground Re-certification CRS#: NGW1GR407Gnd	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Prior NGW Mode 1 Ground Certification. Passing grade on course pre-test. <u>Course Description</u> : This course meets requirement for annual re-certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 2G network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator re-certification for use of the Vendetta equipment in a ground environment. This course is a condense version of the certification training and certification course with the intent to re-certify operators. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	20 clock hours total: 8 hours of classroom instruction/lab, 12 practical applications, evaluation and certification with simulator.	3	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$611.93	1%	\$605.81	\$610.39	\$590.51	\$575.22	\$559.92
874-4	Next Generation Wireless Mode 1 (2G) Train-the-Trainer Air Certification CRS#: NGW1GT1404TnT	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : NGW Mode 1 Air Certification. Approved course materials (POI, Lesson Plan). <u>Course Description</u> : This course is an Instructor Candidate-focused certification course for the Vendetta suite and includes; the instruction of Theory review, New Equipment Training, and Ground Applications Training. The Instructor-Candidate will be mentored by a master trainer while they conduct an actual Mode 1 air certification course. <u>Course Goals</u> : Instructor Candidate will: recognize and explain system parameters and operation; be able to instruct operations, maintenance, and troubleshooting the Vendetta Suite so the student can effectively perform survey and precision geo-location operations. <u>Course Objectives</u> : Upon successful completion of this program, Instructor-Candidates will be able to: instruct operations, maintenance, and troubleshooting of each piece of the Vendetta Suite to independently and effectively perform Mode 1 air certifications. <u>Course Purpose and Approach</u> : This course provides Instructor-Candidate with Instructor certification on Mode 1 Ground. This course utilizes a blended learning format to provide Instructor-Candidates with a thorough knowledge of how to prepare the course and how to teach the GFE equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic ground operation environments. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling candidates and students.*	48 clock hours total: 8 hours of pre-briefs and de-briefs. 6 hours of classroom instruction/lecture with observation, 2 hours of practical applications with observation, and 31 hours of air applications with observation and 1 hour testing and evaluation oversight.	4	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$17,263.90	1%	\$17,091.26	\$17,220.41	\$16,659.66	\$16,228.06	\$15,796.46
874-4	Next Generation Wireless Mode 1 (2G) Train-the-Trainer Ground Certification CRS#: NGW1GT1403TnT	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : NGW Mode 1 Ground Certification. Approved course materials (POI, Lesson Plan). <u>Course Description</u> : This course is an Instructor Candidate-focused certification course for the Vendetta suite and includes; the instruction of Theory review, New Equipment Training, and Ground Applications Training. The Instructor-Candidate will be mentored by a master trainer while they conduct an actual Mode 1 ground certification course. <u>Course Goals</u> : Instructor Candidate will: recognize and explain system parameters and operation; be able to instruct operations, maintenance, and troubleshooting the Vendetta Suite so the student can effectively perform survey and precision geo-location operations. <u>Course Objectives</u> : Upon successful completion of this program, Instructor-Candidates will be able to: instruct operations, maintenance, and troubleshooting of each piece of the Vendetta Suite to independently and effectively perform Mode 1 ground certifications. <u>Course Purpose and Approach</u> : This course provides Instructor-Candidate with Instructor certification on Mode 1 Ground. This course utilizes a blended learning format to provide Instructor-Candidates with a thorough knowledge of how to prepare the course and how to teach the GFE equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic ground operation environments. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling candidates and students.*	48 clock hours total: 8 hours of pre-briefs and de-briefs. 6 hours of classroom instruction/lecture with observation, 2 hours of practical applications with observation, and 31 hours of ground applications with observation and 1 hour testing and evaluation oversight.	2	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$1,905.10	1%	\$1,886.05	\$1,900.30	\$1,838.42	\$1,790.79	\$1,743.17
874-4	Next Generation Wireless Mode 2 (3G/C) Airborne Certification CRS#: NGW2C1305Air	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Applied CDMA Theory course or in-depth knowledge of 3G (CDMA), RF Theory and application. Passing grade on course pre-test. NGW Mode2 (U) ground Certification. <u>Course Description</u> : This course is an operator-focused certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system, to effectively integrate with a 3G(C) network and geo-locate a mobile device <u>Course Objectives</u> : Upon successful completion of this program, students will be able to certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 3G(C) network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator certification for use of the Vendetta equipment in a manned airborne environment. This course utilizes a blended learning format to provide students with a thorough knowledge of the Vendetta equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	40 clock hours total: 6 hours of classroom instruction/lecture, 2 hours of practical applications, and 31 hours of Air applications and 1 hours testing and evaluation.	4	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft Flight Time, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$14,541.72	1%	\$14,396.30	\$14,505.09	\$14,032.76	\$13,669.22	\$13,305.67

GSA Prices- Training Courses

SIN	Training Course Title	Description	Length	Minimum Participants	Maximum Participants	Price Per Course or Student	List Price	GSA Discount	GSA Price w/o IFF	GSA Price w/IFF	Volume Discount%: 10-19 Students 3.5%	Volume Discount%: 20-29 Students 6%	Volume Discount%: 30+ Students 8.5%
874-4	Next Generation Wireless Mode 2 (3G/C) Airborne Re-certification CRS#: NGWZCR411Air	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Prior NGW Mode 2(C) Air Certification. Passing grade on course pre-test. <u>Course Description</u> : This course meets requirement for annual re-certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: Certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 2G network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator re-certification for use of the Vendetta equipment in an manned airborne environment. This course is a condense version of the certification training and certification course with the intent to re-certify operators. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	20 clock hours total: 8 hours of classroom instruction/lab, 12 Flight Hours, each student allocated 2 hours of air applications and 1 hour evaluation for certification.	4	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft Flight Time, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$5,714.00	1%	\$5,656.86	\$5,699.61	\$5,514.01	\$5,371.16	\$5,228.31
874-4	Next Generation Wireless Mode 2 (3G/C) Ground Certification CRS#: NGWZC1302Gnd	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Applied 3G (C) Theory course or in-depth knowledge of CDMA and RF Theory and application, Passing grade on course pre-test. <u>Course Description</u> : This course is an operator-focused certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; Certified, independently install, operate, maintain and troubleshoot the GFE system, to effectively integrate with a 3G network and geo-locate a mobile device <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: Certified, install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 3G network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course provides graduate with certification for the Vendetta equipment ground operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the Vendetta equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	40 total clock hours: 8 hours of classroom instruction/lecture, 4 hours of practical applications, and 20 hours of field (Ground) applications and 8 hours testing and evaluation	3	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$1,503.17	1%	\$1,488.13	\$1,499.38	\$1,450.56	\$1,412.98	\$1,375.40
874-4	Next Generation Wireless Mode 2 (3G/C) Ground Re-certification CRS#: NGWZCR408Gnd	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Prior NGW Mode 2(C) Ground Certification. Passing grade on course pre-test. <u>Course Description</u> : This course meets requirement for annual re-certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: Certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 2G network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator re-certification for use of the Vendetta equipment in a ground environment. This course is a condense version of the certification training and certification course with the intent to re-certify operators. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	20 clock hours total: 8 hours of classroom instruction/lab, 12 Practical Hours, each student allocated 2 hours of ground applications and 1 hour evaluation for certification.	3	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$844.12	1%	\$835.68	\$841.99	\$814.57	\$793.47	\$772.37
874-4	Next Generation Wireless Mode 3 (3G/U) Airborne Certification CRS#: NGWZU1306Air	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : NGW Mode 3 (U) ground Certification. Passing grade on course pre-test. <u>Course Description</u> : This course is an operator-focused certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system, to effectively integrate with a 3G(U) network and geo-locate a mobile device <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: Certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 3G(U) network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator certification for use of the Vendetta equipment in an manned airborne environment. This course utilizes a blended learning format to provide students with a thorough knowledge of the Vendetta equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	40 clock hours total: 6 hours of classroom instruction/lecture, 2 hours of practical applications, and 31 hours of Air applications and 1 hours testing and evaluation.	4	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft Flight Time, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$14,541.72	1%	\$14,396.30	\$14,505.09	\$14,032.76	\$13,669.22	\$13,305.67
874-4	Next Generation Wireless Mode 3 (3G/U) Airborne Re-certification CRS#: NGWZUR412Air	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Prior NGW Mode 3 (U) Airborne Certification. Passing grade on course pre-test. <u>Course Description</u> : This course meets requirement for annual re-certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: Certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 2G network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator re-certification for use of the Vendetta equipment in an manned airborne environment. This course is a condense version of the certification training and certification course with the intent to re-certify operators. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	20 clock hours total: 8 hours of classroom instruction/lab, 12 Flight Hours, each student allocated 2 hours of air applications and 1 hour evaluation for certification.	4	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft Flight Time, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$5,714.00	1%	\$5,656.86	\$5,699.61	\$5,514.01	\$5,371.16	\$5,228.31
874-4	Next Generation Wireless Mode 3 (3G/U) Ground Certification CRS#: NGWZU1303Gnd	<u>Textbook(s)</u> : None <u>Course Prerequisites</u> : Applied 3G (U) Theory course or in-depth knowledge of UMTS and RF Theory and application, Passing grade on pre-test. <u>Course Description</u> : This course is an operator-focused certification course for the Vendetta equipment <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; Certified, independently install, operate, maintain and troubleshoot the GFE system, to effectively integrate with a 3G network and geolocate a mobile device <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: Certified, install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 3G network with the intent to geo-locate a mobile device of interest <u>Course Purpose and Approach</u> : This course meets the requirements for operator certification for use of the Vendetta equipment ground operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the Vendetta equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	40 total clock hours: 8 hours of classroom instruction/lecture, 4 hours of practical applications, and 20 hours of field (Ground) applications and 8 hours testing and evaluation	3	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$1,503.17	1%	\$1,488.13	\$1,499.38	\$1,450.56	\$1,412.98	\$1,375.40

GSA Prices- Training Courses

SIN	Training Course Title	Description	Length	Minimum Participants	Maximum Participants	Price Per Course or Student	List Price	GSA Discount	GSA Price w/o IFF	GSA Price w/IFF	Volume Discount%: 10-19 Students 3.5%	Volume Discount%: 20-29 Students 6%	Volume Discount%: 30+ Students 8.5%
874-4	Next Generation Wireless Mode 3 (3G/U) Ground Re-Certification, CRS#: NGW2UR409Gnd	<p>Textbook(s): None</p> <p>Course Prerequisite: Prior NGW Mode 3(U) Ground Certification. Passing grade on course pre-test.</p> <p>Course Description: This course meets requirement for annual re-certification course for the Vendetta equipment</p> <p>Course Goals: Students will: recognize and explain system parameters and operation; be able to install, operate, maintain and troubleshoot the GFE system</p> <p>Course Objectives: Upon successful completion of this program, students will be able to: Certified, independently install, operate, maintain, and troubleshoot the Vendetta equipment to effectively integrate with a 2G network with the intent to geo-locate a mobile device of interest</p> <p>Course Purpose and Approach: This course meets the requirements for operator re-certification for use of the Vendetta equipment in a ground environment. This course is a condense version of the certification training and certification course with the intent to re-certify operators. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*</p>	20 clock hours total: 8 hours of classroom instruction/lab, 12 Practical Hours, each student allocated 2 hours of ground applications and 1 hour evaluation for certification.	3	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Vehicle, and Range for practical and culmination exercises. Course can be conducted at PGS Fayetteville Training Campus in secure classrooms or exported and can be taught at customer's location.	\$844.12	1%	\$835.68	\$841.99	\$814.57	\$793.47	\$772.37
874-4	Radio-Frequency Theory / Push-To-Talk Course, CRS#: RFF140317Thy	<p>Textbook(s): Phoenix Global Support. RF/PTT Course.</p> <p>Course Description: This training will provide students with knowledge of Radio Frequency Theory (RF) to include wave propagation and antenna characteristics. It also introduces multiple communication technologies with a focus on PTT.</p> <p>Course Goals: Students will understand and be able to identify key aspects of RF theory and radio characteristics to support intelligence operations.</p> <p>Course Objectives: Upon successfully completing this program, students will be able to: 1. Explain the characteristics and tendencies of an RF signal 2. Exploit multiple communications signals with a focus on standard PTT 3. Identify and recognize basic communication antennae 4. Utilize RF equipment to exploit PTT communications 5. Incorporate Rover support software to aid in PTT exploitation</p> <p>Course Purpose and Approach: The RF/PTT Course teaches students through an intensive series of lectures and practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.</p>	80 total clock hours: 35 clock hours of classroom instruction/lecture, 20.5 clock hours of Practical Exercises, 16 clock hours of Field Training and 8.5 clock hours of administration and testing	6	N/A	Student -cost includes book, vehicle and range cost for training and certification	\$2,041.38	1%	\$2,020.97	\$2,036.24	\$1,969.93	\$1,918.90	\$1,867.86
874-4	Special Operation Electronic Warfare Operator Course, CRS#: PGX140055SF	<p>Textbook(s): Phoenix Global Support. Ground electronic warfare operator's course</p> <p>Course Description: This training will provide students with knowledge of GSM Theory and the ability to operate various equipment in both a passive and active mission mode. It also includes a five day Vendetta equipment certification. The student will also be introduced to 802.11 and equipment. The course concludes with a five day culmination exercise which allows the students to exercise their newly acquired skills.</p> <p>Course Goals: Students will identify and utilize key aspects of GSM, PTT, and 802.11 theory and supported equipment to support intelligence operations.</p> <p>Course Objectives: Upon successful completing this program, students will be able to: 1. Explain the characteristics and interactions of a GSM, PTT, and 802.11 networks 2. Perform GSM tower surveys and tower mapping 3. Utilize Direction Finding equipment to locate an emitter 4. Utilize RF equipment to exploit GSM, PTT, and 802.11 communications 5. Incorporate Rover support software to aid in Target exploitation 6. Utilize VENDETTA equipment as a certified operator</p> <p>Course Purpose and Approach: The Special Operation Electronic Warfare Operator's Course teaches students through an intensive series of lectures, practical applications, and field training. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*</p>	240 total clock hours: 64 clock hours of classroom instruction/lecture, 15 clock hours of Practical Exercises, 153 clock hours of Field Training and 8 clock hours for administration and testing	6	N/A	Student -cost includes book, vehicle and range cost for training and certification	\$11,909.00	1%	\$11,789.91	\$11,879.00	\$11,492.19	\$11,194.46	\$10,896.74
874-4	Thuraya Course (OEM Certified Course), CRS#: PGSTH0051OEM	<p>Textbook(s): Phoenix Global Support. Thuraya Course</p> <p>Course Description: Phoenix Global Support's learning model focuses on developing operator-practitioners through learning that incorporates both theoretical knowledge and relevant experiences. Instructor led lectures and training will provide students with an overview on Thuraya satellite technologies to include network components and their functionality in an approach to support intelligence operations.</p> <p>Course Goals: The overall goal of this OEM Certified Course is to prepare the students for focused new equipment training utilizing acquired knowledge of satellite networks. Students will be able to apply knowledge of network operations to maximize operations of assigned technologies.</p> <p>Course Objectives: Upon successfully completing this program, students will be able to: 1. Understand the basic Thuraya networks, capabilities and operation 2. Demonstrate proper operations of new equipment</p> <p>Course Purpose and Approach: The Thuraya course teaches students through an intensive series of daily lectures. The course challenges learners to balance analysis with interpretation through building block lectures highlighting field operations. Both learners and instructors move along the continuum, digesting terms and definitions along with principles to build and apply knowledge in performance evaluations to demonstrate mastery of new equipment operations. The purpose is to expand the student's work identification skills and strategies to critical thought.</p>	24 total clock hours: 8 clock hours of classroom instruction/lecture and 16 clock hours of New Equipment Training	6	N/A	Student, cost include: 1. Student Course Book 2. Non-GFE Equip and range for network survey exercise All courses are conducted at PGS Fayetteville Training Campus by OEM Certified Instructors in secure classrooms. Course are exportable and can be taught at customer's location.	\$663.87	1%	\$657.23	\$662.20	\$640.64	\$624.04	\$607.44
874-4	Unmanned Aerial System (UAS) Mission Payload Training and Certification, CRS#: UAS130053NAV	<p>Textbook(s): Student handbooks provided by PGS for student use</p> <p>Course Prerequisite: Working knowledge of 11th grade math, military communications procedures, and Microsoft Windows applications.</p> <p>Course Description: This course is an operator-focused certification course for the GFE equipment and includes; Theory, New Equipment Training, and Air Applications Training.</p> <p>Course Goals: Students will understand and be able to identify key aspects of 2G Theory, RF Propagation, and Network Functionality to support operations. Recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively utilize a remote terminal (UAS) to independently perform precision geo-location operations.</p> <p>Course Objectives: Upon successful completion of this program, students will be able to: operate, maintain, and troubleshoot the GFE and remote terminal system to independently perform PGL operations.</p> <p>Course Purpose and Approach: This course provides graduate with certification for the GFE equipment remote airborne operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*</p>	121 clock hours total: 32 hours of classroom instruction/lecture, 8 hours of practical applications; and 80 hours of Air applications and 1 hours testing and evaluation.	8	N/A	Student, cost include: 1. Student Course Book 2. Equipment Lab 3. Non-GFE, Aircraft, and Range for practical and culmination exercises.	\$9,322.80	1%	\$9,229.58	\$9,299.32	\$8,996.51	\$8,763.43	\$8,530.36

GSA Prices- Training Courses

SIN	Training Course Title	Description	Length	Minimum Participants	Maximum Participants	Price Per Course or Student	List Price	GSA Discount	GSA Price w/o IFF	GSA Price w/IFF	Volume Discount%: 10-19 Students 3.5%	Volume Discount%: 20-29 Students 6%	Volume Discount%: 30+ Students 8.5%
874-4	Unmanned Aerial System (UAS) NGW Mode 1 Certification CRS#: UAS1405NGWMd1	<u>Textbook(s)</u> : Student handbooks provided by PGS for student use <u>Course Prerequisite</u> : Applied 2G Theory course or in-depth knowledge of GSM and RF Theory and application, Passing grade on pre-test. <u>Course Description</u> : This course is an operator-focused certification course for service specific GFE equipment suites and includes; Theory, New Equipment Training, and Air Applications Training. <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively utilize a remote terminal (UAS) to independently perform survey and precision geo-location operations. <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: operate, maintain, and troubleshoot each variation of GFE and remote terminal system to independently and effectively perform PGL operations. <u>Course Purpose and Approach</u> : This course provides graduate with certification for the GFE equipment remote airborne operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	40 clock hours total: 4 hours of classroom instruction/lecture, 4 hours of practical applications with simulator, and 32 hours of Air applications, testing and certification.	4	N/A		\$6,716.34	1%	\$6,649.17	\$6,699.42	\$6,481.27	\$6,313.36	\$6,145.45
874-4	Unmanned Aerial System (UAS) NGW Mode 1 Certification, Instruction Only CRS#: UAS1407NGWMd1	<u>Textbook(s)</u> : Student handbooks provided by PGS for student use <u>Course Prerequisite</u> : NGW Mode 1 Ground Certification, Passing grade on course pre-test. <u>Course Description</u> : This course is the same as UAS14005Md1 minus the aircraft cost, customer is responsible for aircraft and range support. This course is an operator-focused certification course for service specific GFE equipment suites and includes; Theory, New Equipment Training, and Air Applications Training. <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively utilize a remote terminal (UAS) to independently perform survey and precision geo-location operations. <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: operate, maintain, and troubleshoot each variation of GFE and remote terminal system to independently and effectively perform PGL operations. <u>Course Purpose and Approach</u> : This course provides graduate with certification for the GFE equipment remote airborne operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification. *Certification equipment along with UAS platform is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	This course provides the qualified/certified instructor only; the expected course format for certification is 40 clock hours total: 6 hours of classroom instruction/lecture, 2 hours of practical applications, and 31 hours of Air applications and 1 hours testing and evaluation. Customer provided UAS platform, ranges and flight time.	4	N/A		\$1,237.83	1%	\$1,225.45	\$1,234.71	\$1,194.50	\$1,163.56	\$1,132.61
874-4	Unmanned Aerial System (UAS) NGW Mode 1 Re-certification CRS#: UAS1406NGWMd1	<u>Textbook(s)</u> : Student handbooks provided by PGS for student use <u>Course Prerequisite</u> : NGW Mode 1 Air Certification, Passing grade on course pre-test. <u>Course Description</u> : This course is an operator-focused certification course for service specific GFE equipment suites and includes; Theory, New Equipment Training, and Air Applications Training. <u>Course Goals</u> : Students will: recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively utilize a remote terminal (UAS) to independently perform survey and precision geo-location operations. <u>Course Objectives</u> : Upon successful completion of this program, students will be able to: operate, maintain, and troubleshoot each variation of GFE and remote terminal system to independently and effectively perform PGL operations. <u>Course Purpose and Approach</u> : This course provides graduate with certification for the GFE equipment remote airborne operations. This course utilizes a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills, and situated learning scenarios in realistic air operation environments for certification. *Certification equipment is 'Government Furnished Equipment' and needs to be coordinated between PGS and customer prior to scheduling students.*	20 clock hours total: 8 hours of classroom instruction/lab, 12 System simulator practical, and evaluation for certification.	4	N/A		\$611.93	1%	\$605.81	\$610.39	\$590.51	\$575.22	\$559.92
874-4	Unmanned Aerial System (UAS) 802.11 Mission Payload Training and Certification, CRS#: UAS1508MPT3S	<u>Textbook(s)</u> : Phoenix Global Support. UASMPPT Textbook <u>Course Prerequisite</u> : None <u>Course Description</u> : This training will provide students with knowledge of basic 802.11 survey and Precision Geo- Location capabilities. <u>Course Goals</u> : Students will understand and be able to conduct 802.11 Precision Geo-location in support of Computer Network Operations. <u>Course Objectives</u> : Upon successfully completing this program, students will be able to: Understand an 802.11 network's architecture, functionality, and broadcasted parameters to be used for follow-on operations; Identify and configure Wave system requirements; Identify and trouble shoot WAVE system; Utilize Raptor X for survey analysis and mission execution; Utilize various hardware to support operations <u>Course Purpose and Approach</u> : The 802.11 PGL Course teaches students through an intensive series of practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.	32 Total clock hours, 8 classroom instruction/lecture w/ 24 flight hours practical exercise and evaluation.	8	10		\$2,305.05	1%	\$2,282.00	\$2,299.24			
874-4	Computer Networks Operations Course, CRS#: PG515093WCND	<u>Textbook(s)</u> : Phoenix Global Support. Computer Network Operations <u>Course Prerequisite</u> : None <u>Course Description</u> : This training will provide students with knowledge of basic 802.11 collection, survey, and analysis using both Microsoft Windows and Linux operating systems. <u>Course Goals</u> : Students will understand and be able to conduct 802.11 collection and analysis in support of Computer Network Operations. <u>Course Objectives</u> : Upon successfully completing this program, students will be able to: Understand an 802.11 network's architecture, functionality, and broadcasted parameters to be used for follow-on operations; Identify basic RF applied principles; Identify antennas and connectors; Utilize Rover for survey analysis and mission planning; Utilize Linux operating systems for collection and analysis; Utilize Windows operating system for collection and analysis; Utilize Wireshark for collection and analysis; Utilize various hardware to support collection operations <u>Course Purpose and Approach</u> : The Computer Network Operations Course teaches students through an intensive series of practical applications. The purpose is to expand the student's work identification skills and strategies to critical thought. The course challenges learners to balance analysis with interpretation through building block exercises highlighting field operations.	120 Total clock hours, 44 classroom instruction/lecture, 52 Practical exercises and Independent Study Exercises, and 24 Culmination Field Training.	8	10		\$4,543.95	1%	\$4,498.51	\$4,532.50			