PHOENIX GLOBALSUPPORT

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

SCHEDULE 99 – Multiple Award Schedule

2847 Bridgewood Drive Fayetteville, NC 28306
(910) 778-2480

Contract Number: GS-02F-0248X
Contract Period: 6 September 2021 through 5 September 2026
Pricelist Version: PO-0085 dated 06 July 2022
UEID: CPWKS6BKNQP4
DUNS: 807922443
NAICS: 611710
Web: www.pgsup.com
Business Size: Service-Disabled Veteran-Owned Small Business (SDVOSB)

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<thead>
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<th>SIN</th>
<th>Description</th>
</tr>
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<td>611430/RC</td>
<td>Professional Management Development Training</td>
</tr>
<tr>
<td>611512/RC</td>
<td>Flight Training</td>
</tr>
<tr>
<td>OLM</td>
<td>Order-Level Materials</td>
</tr>
</tbody>
</table>

Contact for Contract Administration: James A. Lyons, Owner and President, 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.gsaadvantage.gov.

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

As the threat environment for our nation's defense becomes increasingly dynamic, the Customer realizes value-for-money as Phoenix Global Support, LLC (Phoenix) broadens the warfighter's multi-domain operations capabilities with the building blocks of standardized, professional, and repeatable service support. Phoenix delivers an agile cradle-to-grave contract solution for the Government's support requirement by providing:

- **Standardized** products and services that achieve or exceed customer expectations every time
- **Professional** services and contract management with efficient administrative staffing for a compliant contract package
- **Repeatable** business and training practices that provide the customer with efficient project activities proven successful in the past and reduce unnecessary variations that tie up time, effort, and budget

To provide the Customer seamless contract execution, Phoenix integrates five critical factors to ensure successful contract execution: transition, implementation, administration, management, and quality. We enhance the successful integration of these factors with 14-years of proven Government contracting performance. Additionally, we add business systems that are compliant or exceed industry standards, an ISO 9001:2015 quality management system \(^1\) that provides the Government assurance of quality performance, Value-for-Defense, and management that have experienced the same trials as the customer's commanders.

Headquarters for the Phoenix Global Academy is a 15,500 square-foot campus located in the heart of the Sandhills in Fayetteville, North Carolina.

Phoenix uses three internationally acclaimed systems of excellence combined into a single contract management process. This system-of-systems ensures Phoenix meets all facets of the individual, corporate, and customer requirements. This PMI-ISO-based project management approach significantly reduces risk. It increases user confidence that Phoenix habitually executes the contract effectively and ensures that the customer’s mission support takes precedence over all other considerations.

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\(^{1}\) Quality Systems Registrar, Inc. Qsr.com. QSR Certification #QSR-1162.
On 10 November 2021, Veteran’s Day, the Secretary of Labor awarded the 2021 Platinum HIRE Vets Medallion Award to Phoenix Global Support, LLC. The award is the only federal-level veterans’ employment award recognizing a company’s commitment to veteran hiring, retention, and professional development. Secretary of Labor Martin J. Walsh presented the award at a virtual ceremony hosted by the Department’s headquarters in Washington, D.C. Phoenix is honored that the Department of Labor and Secretary Walsh recognizes its efforts to hire and keep veterans. This award is Phoenix’s second for this prestigious medallion. The Department of Labor has only awarded three small business platinum awards for North Carolina businesses, and Phoenix is the proud recipient of two of those awards.

The Phoenix Campus, located in the heart of the Sandhills in Fayetteville, North, includes a 15,500 sq. ft. secure facility with access to various off-site resources. This environment supports adaptable training for ground, airborne, maritime, and remote operations. Basic-level courses support critical thinking realistic exercises with proven real-world applications. Our Government-certified instructor cadre has over 100 years of collective Special Operations experience, a reputation for overcoming our customer’s challenges, and combined government operations experience to deliver exceptional training.

Phoenix is committed to providing our clients with continuing operational support, post-academy resources, and promoting long-range mission success. To maintain currency, we routinely seek feedback from the field. We immediately share these real-world experiences with students to enhance mission-critical skillsets. From developing individual skills to enhancing operational capabilities, we believe success is rooted in offering scalable, standardized training solutions applied to various disciplines for a dynamic environment.

We support the customer by executing a Quality Management Plan (QMP) that supports the Government's Quality Assurance Surveillance Plan (QASP) and the contract.

Phoenix is an ISO 9001:2015 Quality Management System certified company. We use ISO 9001:2015 standards to develop and execute the QMP. Following the Project Management Institute's guidance, risk management is an integral input to the QMP for a comprehensive approach to problem-solving and nonconformance remediation.

Our certification number is QSR-1162.
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<td>Tradecraft and Compliance X42525 802.11 Collection and Certification Course,</td>
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<td>Electronic Warfare/Collection Equipment Course (Long), CRS#: Phoenix-SOF-4002-NET-F</td>
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<td>Tradecraft and Compliance X42525 CDMA Ground Certification, CRS# Phoenix-M2-6003-CER-IG</td>
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<td>Tradecraft and Compliance X42525 LTE Ground Certification, CRS# Phoenix-M5-6007-CER-IG</td>
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<td>Tradecraft and Compliance X42525 GSM Ground Re-Certification, CRS#: Phoenix-2G-6016-CER-RG</td>
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<td>Tradecraft and Compliance X42525 UMTS Ground Re-Certification, CRS# Phoenix-3U-6020-CER-RG</td>
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<th>SIN</th>
<th>Description</th>
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<tr>
<td>611430/RC</td>
<td>Professional and Management Development Training</td>
</tr>
<tr>
<td>611512/RC</td>
<td>Flight Training</td>
</tr>
<tr>
<td>OLM</td>
<td>Order-Level Materials (OLM)</td>
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</table>

1b. Lowest Priced Model Number and Price for Each Sin

Not Applicable

1c. Hourly Rates (Services Only)

<table>
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<tr>
<th>Labor Category Title</th>
<th>GSA Net Rate</th>
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<tr>
<td>Program Manager</td>
<td>$162.03</td>
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<tr>
<td>Senior Project/Business Manager</td>
<td>$161.57</td>
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<tr>
<td>Subject Matter Expert</td>
<td>$173.18</td>
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<tr>
<td>Senior Trainer</td>
<td>$134.49</td>
</tr>
<tr>
<td>Senior Training Specialist</td>
<td>$134.49</td>
</tr>
<tr>
<td>Training Specialist</td>
<td>$107.60</td>
</tr>
</tbody>
</table>

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

**Subject Matter Expert**

**Functional Responsibility:** The SME provides contract expertise and technical and management support. Applies a thorough understanding of contract issues to design, develop and advise on future trends and needs. The SME supervises monitoring, troubleshooting, problem resolution, and system administration. Be able to work independently or in teams, confident in leading project teams and knowledgeable about and 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 critical leadership of relevant technology 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 activities as assigned.

**Educational Level:** Bachelor’s Degree  
**Minimum Years of Experience:** 8

**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.** We offer domestic delivery in the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and US Territories. Domestic delivery also includes a port or consolidation point in the domestic delivery area for orders received from overseas activities.
   - **Overseas delivery.** We offer overseas delivery to points outside of the 48 contiguous states, Washington, DC, Alaska, Hawaii, Puerto Rico, and US Territories. Delivery is FOB Origin with direct shipment to the customer via FedEx or DHL.

5. **Point(s) of Production**
   - Phoenix Global Support, 2847 Bridgewood Drive, Fayetteville, NC 28306

6. **Discount from List Prices**
   - We have listed prices as GSA Net, discount deducted and the GSA Industrial Funding Fee (IFF) included.
7. Quantity Discount(s)

<table>
<thead>
<tr>
<th>Category</th>
<th>Discount</th>
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<tbody>
<tr>
<td>Labor Categories</td>
<td>0%</td>
</tr>
<tr>
<td>Training Courses</td>
<td>3.5% - 9-15 Students</td>
</tr>
<tr>
<td></td>
<td>6.0% - 16-24 Students</td>
</tr>
<tr>
<td></td>
<td>8.5% - 25+ Students</td>
</tr>
</tbody>
</table>

8. Prompt Payment Terms

We do not offer prompt payment terms currently. All payments are net 30 calendar days.

9a. Government Purchase Cards Must Be Accepted at or Below the Micro-Purchase Threshold

Yes. We accept Government Purchase Cards at or below the micro-purchase threshold.

9b. Government Purchase Cards Are Accepted Above the Micro-Purchase Threshold

Yes. We accept Government Purchase Cards for obligations 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 Phoenix.

11c. Overnight and 2-Day Delivery

Please contact Phoenix.

11d. Urgent Requirements

Per the General Services Acquisition Manual §552.238-94, Accelerated Delivery 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 to obtain 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
according to the agreed-upon accelerated delivery time frame shall be delivered within this shorter delivery time and per all other terms and conditions of the contract."

12. FOB Point
   Destination

13a. Ordering Address
   Phoenix Global Support, Bridgewood Drive, Fayetteville NC 28306

13b. Ordering Procedures
   FAR §8.405-3 provides ordering procedures for Blanket Purchase Agreement (BPA) supplies and services.

14. Payment Address
   Phoenix Global Support, Bridgewood Drive, Fayetteville NC 28306

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 Phoenix.

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
   You can find the EIT standards at: www.section508.gov/
   You can find additional information about Phoenix at: www.pgsup.com

25. UEID Number
   CPWKS6BKNQP4

26. Notification Regarding Registration in System for Award Management (Sam) Database
   Phoenix Global Support (CAGE 4WCM4) has an active registration in the SAM database.
THEORY COURSES

Applied 2G Theory Course, CRS#: Phoenix-2G-1001-THY

Textbooks(s): Phoenix Global Support Applied 2G Theory Course.

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 provide students with an overview of basic radio frequency (RF) propagation, GSM theory, principles, and network functionality.

Course Goals: Students will be able to understand and identify key aspects of RF propagation, GSM theory, and network functionality to support intelligence operations.

Course Objectives: Upon successful completion of this program, 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

Course Purpose and Approach: The Applied GSM Theory Course instructs students through an intensive series of daily lectures. We 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.

Length: 40 Total clock hours of classroom instruction/lecture and network survey exercise

Minimum Participants: 6
Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
1. Student Course book
2. Equipment and range for network survey exercise

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $834.66
Volume Discounts 9-15 Students 3.5%: $805.45
Volume Discounts 16-24 Students 6%: $784.58
Volume Discounts 25+ Students 8.5%: N/A

Applied 3G (C) Theory Course, CRS#: Phoenix-3C-1002-THY

Textbooks(s): Phoenix Global Support Applied 3G(C) Theory Course.

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 provide students with an overview of CDMA One and CDMA2000 theory, principles, and network functionality.

Course Goals: Students will be able to understand and identify key aspects of CDMA One and CDMA2000 theory and principles, and network functionality to support intelligence operations.

Course Objectives: Upon successful completion of this program, students will be able to:
1. Identify basic RF applied principles
2. Describe basic CDMA theory
3. Reproduce basic CDMA network composition and access
4. Demonstrate aspects of CDMA network surveys for operations

Course Purpose and Approach: The CDMA Principles Course instructs 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. We expand the student’s work identification skills and strategies to critical thought.

Length: 40 Total clock hours of classroom instruction/lecture and network survey exercise
Minimum Participants: 6
Maximum Participants: 24
Price Per Course or Student: Per student, cost include:
   1. Student Course book
   2. Equip and range for network survey exercise

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location.
The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $834.66
Volume Discounts 9-15 Students 3.5%: $805.45
Volume Discounts 16-24 Students 6%: $784.58
Volume Discounts 25+ Students 8.5%: N/A

Applied 3G (U) Theory Course, CRS#: Phoenix-3U-1003-THY

Textbooks(s): Phoenix Global Support Applied 3G (U) Theory Course.

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 provides students with an overview of UMTS theory, principles, and network functionality.

Course Goals: Students will be able to understand and identify key aspects of UMTS theory and principles, and network functionality to support intelligence operations.

Course Objectives: Upon successful completion of this program, students will be able to:
   1. Identify basic RF Applied Principles
   2. Describe basic UMTS Theory
   3. Reproduce basic UMTS network composition and access
   4. Demonstrate aspects of UMTS network surveys for operations

Course Purpose and Approach: The UMTS Theory Course instructs 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. We expand the student’s work identification skills and strategies to critical thought.

Length: 32 total clock hours of classroom instruction/lecture and network survey exercise
Minimum Participants: 6
Maximum Participants: 24
Price Per Course or Student: Per student, cost include:
1. Student Course book
2. Equipment and range for network survey exercise
Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.
GSA Price w/IFF: $834.66
Volume Discounts 9-15 Students 3.5%: $805.45
Volume Discounts 16-24 Students 6%: $784.58
Volume Discounts 25+ Students 8.5%: N/A

Applied 4G LTE Theory Course, CRS#: Phoenix-4G-1004-THY

Textbooks(s): Phoenix Global Support Applied 4G Theory course.
Course Prerequisites: Preferred familiarization with GSM, CDMA, and UMTS theories
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 provides students with an overview of LTE theory, principles, and network functionality.
Course Goals: Students will be able to understand and identify key aspects of LTE theory and principles, and network functionality to support intelligence operations.
Course Objectives: Upon successful completion of this program, students will be able to:
1. Identify basic RF Applied Principles
2. Describe basic LTE Theory
3. Reproduce basic LTE network composition and access
4. Demonstrate aspects of LTE network surveys for operations

Course Purpose and Approach: The LTE Theory Course instructs 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 principle to build and apply knowledge in checks on knowledge or performance evaluations to demonstrate mastery of LTE principles. We expand the student’s work identification skills and strategies to critical thought.
Length: 32 total hours of classroom instruction/lecture and network survey exercise
Minimum Participants: 6
Maximum Participants: 24
Price Per Course or Student: Per student, cost include:
1. Student Course book
2. Equipment and range for network survey exercise
Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.
GSA Price w/IFF: $834.66
Volume Discounts 9-15 Students 3.5%: $805.45
Volume Discounts 16-24 Students 6%: $784.58
Volume Discounts 25+ Students 8.5%: N/A
Applied 5G ‘New Radio’ Theory Course, CRS#: Phoenix-5G-1005-THY

Textbook(s): Phoenix Global Support Applied 5G Theory Course.
Course Prerequisites: Preferred familiarization with GSM, CDMA, UMTS and LTE theories

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 provides students with an overview of 5G NR theory, principles, and network functionality.

Course Goals: Students will understand and be able to identify key aspects of 5G NR theory and principles, and network functionality to support intelligence operations.

Course Objectives: Upon successful completion of this program, students will be able to:
1. Identify basic RF applied principles
2. Describe basic 5G NR theory
3. Reproduce basic 5G NR network composition and access
4. Demonstrate aspects of 5G NR network surveys for operations

Course Purpose and Approach: The 5G NR Theory Course instructs 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 principle to build and apply knowledge in checks on knowledge or performance evaluations to demonstrate mastery of 5G NR principles. We expand the student’s work identification skills and strategies to critical thought.

Length: 32 total hours of classroom instruction/lecture and network survey exercise
Minimum Participants: 6
Maximum Participants: 24
Price Per Course or Student: Per student, cost include:
1. Student Course book
2. Equipment and range for network survey exercise.
Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $796.75
Volume Discounts 9-15 Students 3.5%: $768.86
Volume Discounts 16-24 Students 6%: $748.94
Volume Discounts 25+ Students 8.5%: N/A
SURVEY COURSES

2G Field Survey Course, CRS#: Phoenix-2G-2001-SUR

**Textbooks(s):** Phoenix Global Support 2G Field Survey Course.
**Course Prerequisites:** Preferred: 2G Theory

**Course Description:** This training provides 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 be able to understand and identify key aspects of GSM Network functionality to support intelligence operations.

**Course Objectives:** Upon completing this program, students will be able to understand a GSM network’s architecture, functionality, and broadcasted parameters for follow-on operations.

**Course Purpose and Approach:** The GSM Field Survey Course instructs students through an intensive series of practical applications. We 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.

**Length:** 24 total hours of classroom instruction/lecture and culmination exercise

**Minimum Participants:** 6
**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student Course book
2. Equipment and range for network survey exercise.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $653.91

**Volume Discounts**
- **9-15 Students 3.5%:** $631.02
- **16-24 Students 6%:** $614.67
- **25+ Students 8.5%:** N/A

3G (C) Field Survey Course, CRS#: Phoenix-3C-2002-SUR

**Textbooks(s):** Phoenix Global Support 3G (C) Field Survey Course.
**Course Prerequisites:** Preferred: 3G theory

**Course Description:** This training provides students with knowledge of basic CDMA surveys to include survey tools, survey planning, manual surveys, automatic surveys, cell mapping, and survey analysis.

**Course Goals:** Students will be able to understand and identify key aspects of CDMA network functionality to support intelligence operations.

**Course Objectives:** Upon completing this program, students will be able to understand a CDMA network’s architecture, functionality, and broadcasted parameters for follow-on operations.

**Course Purpose and Approach:** The 3G (C) Field Survey Course instructs students through an intensive series of practical applications. We 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.

**Length:** 24 total hours of classroom instruction/lecture and Culmination Exercise

**Minimum Participants:** 6
**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student Course book
2. Equipment and range for network survey exercise.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $653.91

**Volume Discounts 9-15 Students 3.5%:** $631.02
**Volume Discounts 16-24 Students 6%:** $614.67
**Volume Discounts 25+ Students 8.5%:** N/A

**3G (U) Field Survey Course, CRS#: Phoenix-3U-2003-SUR**

**Textbooks(s):** Phoenix Global Support 3G (U) Field Survey Course.

**Course Prerequisites:** Preferred 3G (U) Theory

**Course Description:** This training provides 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 be able to understand and identify key aspects of UMTS Network Functionality to support intelligence operations.

**Course Objectives:** Upon completing this program, students will be able to understand a UMTS network’s architecture, functionality, and broadcasted parameters for follow-on operations.

**Course Purpose and Approach:** The 3G (U) Field Survey Course instructs students through an intensive series of practical applications. We 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.

**Length:** 24 total hours of classroom instruction/lecture and culmination exercise

**Minimum Participants:** 6
**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student Course book
2. Equipment and range for network survey exercise.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $653.91

**Volume Discounts 9-15 Students 3.5%:** $631.02
**Volume Discounts 16-24 Students 6%:** $614.67
**Volume Discounts 25+ Students 8.5%:** N/A
4G LTE Field Survey Course, CRS#: Phoenix-4G-2004-SUR

Textbooks(s): Phoenix Global Support. 4G Field Survey Course.
Course Prerequisites: Preferred 4G Theory Course Description: This training provides 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 be able to understand and identify key aspects of LTE Network functionality to support intelligence operations
Course Objectives: Upon completing this program, students will be able to understand an LTE network’s architecture, functionality, and broadcasted parameters for follow-on operations.
Course Purpose and Approach: The 4G Field Survey Course instructs students through an intensive series of practical applications. We 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.
Length: 24 total hours of classroom instruction/lecture and Culmination Exercise
Minimum Participants: 6
Maximum Participants: 24
Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment and range for network survey exercise.
Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.
GSA Price w/IFF: $653.91
Volume Discounts 9-15 Students 3.5%: $631.02
Volume Discounts 16-24 Students 6%: $614.67
Volume Discounts 25+ Students 8.5%: N/A

Combined Cellular Survey Course, CRS#: Phoenix-234-2005-SUR

Textbooks(s): Phoenix Global Support Advanced Cellular Survey Course.
Course Prerequisites: Preferred 2G, 3GC/U, 4G theory
Course Description: This training provides students an in-depth knowledge of 2G/3G/4G surveys to include survey tools survey planning, manual surveys, automatic surveys, cell mapping, and survey analysis.
Course Goals: Students will be able to understand and identify key aspects of 2G/3G/4G network functionality to support intelligence operations.
Course Objectives: Upon completing this program, students will be able to understand a 2G, 3G, or 4G network’s architecture, functionality, and broadcasted parameters for followon operations. Students will be able to produce an air gap survey for documentation, briefing, or initial theater preparations.
Course Purpose and Approach: The Advanced Cellular Survey Course instructs students through an intensive series of practical applications. We 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.

**Length:** 80 total clock hours of classroom instruction/lecture and practical exercises, concluding with a Culmination Exercise.

**Minimum Participants:** 6

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:

1. Student course book
2. Equipment and range for network survey exercise

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $2,142.47

**Volume Discounts 9-15 Students 3.5%:** $2,067.48

**Volume Discounts 16-24 Students 6%:** $2,013.92

**Volume Discounts 25+ Students 8.5%:** N/A
COLLECTION COURSES

802.11 Collection Course, CRS#: Phoenix-802-3005-FG

Textbooks(s): Phoenix Global Support 802.11 Collection Course.
Course Prerequisites: None

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 provide students with a working knowledge of basic radio frequency (RF) propagation, 802.11 theory, principles, network functionality, and equipment utilization.

Course Goals: Students will be able to understand and identify key aspects of RF propagation, 802.11 theory, and network functionality to support 802.11 Passive and Active operations. Students will also understand and be able to install, operate, maintain, and troubleshoot 802.11 equipment to perform survey, collection, denial of service, and target preparation for direction finding operations and target location.

Course Objectives: Upon successful completion of this program, students will be able to:
1. Identify network components and hierarchy
2. Understand the air interface and network access
3. Analyze the 802.11 network access and security features
4. Apply 802.11 principles to effectively plan operations
5. Utilize Kali Linux tools to conduct Survey and collection
6. Conduct 802.11 surveys to develop network characterization utilizing Kismet and Rover
7. Conduct survey analysis utilizing Rover
8. Conduct mission planning for collection missions
9. Conduct collection against open/secure networks
10. Conduct PCAP analysis utilizing Wireshark
11. Utilize Kali tools to explore encryption
12. Utilize active/DF tools to locate MAC of interest

Course Purpose and Approach: This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 40 Total clock hours of combined classroom instruction/lab with practical exercises and evaluation

Minimum Participants: 4
Maximum Participants: 8

Price Per Course or Student: Per student, cost include:
1. Student Course book
2. Equipment and range for passive and active exercise

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $2,116.00
**Volume Discounts 9-15 Students 3.5%: N/A**
**Volume Discounts 16-24 Students 6%: N/A**
**Volume Discounts 25+ Students 8.5%: N/A**

**Applied RF Theory/ PTT Course, CRS#: Phoenix-PTT-3001-COL**

**Textbooks(s):** Phoenix Global Support RF/PTT Course.

**Course Description:** This training provides 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.

**Course Goals:** Students will be able to understand and identify key aspects of RF theory and radio characteristics to support intelligence operations.

**Course Objectives:** Upon 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. Use RF equipment to exploit PTT communications
5. Incorporate GIS support software to aid in PTT exploitation

**Course Purpose and Approach:** The RF/PTT Course instructs students through an intensive series of lectures and practical applications. We 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

**Length:** 40 total clock hours of combined classroom instruction/lecture and practical exercises.

**Minimum Participants:** 6

**Maximum Participants:** 24

**Price Per Course or Student:** Student cost includes book, vehicle and range cost for training and certification

**GSA Price w/IFF:** $2,219.99

**Volume Discounts 9-15 Students 3.5%:** $2,142.29

**Volume Discounts 16-24 Students 6%:** $2,086.79

**Volume Discounts 25+ Students 8.5%:** N/A

**Digital Push-To-Talk Collection Course, CRS#: Phoenix-DPT-3002-COL**

**Textbooks(s):** Phoenix Global Support RF/PTT Course.

**Course Description:** This training provides students with knowledge of Digital Mobile Radio (DMR) and Trunked Mobile Radio (TMR) theory and applications using various vendor equipment

**Course Goals:** Students will be able to understand and identify key aspects of DMR to include NXDN and APCO-25 to support Digital Push to Talk (DPTT) operations. Students will successfully use DPTT equipment to acquire and intercept transmitters.

**Course Objectives:** Upon completing this program, students will be able to:
1. Explain the evolution of Land Mobile Radio (LMR)
2. Explain conventional versus trunking communication methods
3. Explain basic trunking network interactions
4. Explain DPTT protocols
5. Diagram the networks architecture
6. Explain characteristics of DPPT protocols
7. Explain encryption and privacy used in DPPT
8. Use DPPT equipment to exploit and intercept DPPT communications

Course Purpose and Approach: The RF/PTT Course instructs students through an intensive series of lectures and practical applications. We 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.

Length: 40 total clock hours of combined classroom instruction/lab with practical exercises.
Minimum Participants: 8
Maximum Participants: 15
Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $1,016.29
Volume Discounts 9-15 Students 3.5%: $980.72
Volume Discounts 16-24 Students 6%: $955.32
Volume Discounts 25+ Students 8.5%: N/A

Expeditionary Collector’s Course, CRS#: Phoenix-ECC-3004-COL-IU

Textbooks(s): Phoenix Global Support Expeditionary Collector’s Course
Course Description: This extensive course will provide students with a systematic progression resulting in applied knowledge of RF theory, PTT, 2G, and 3G (C) theories and the abilities to operate various equipment in both passive and active mission modes. This course of instruction accomplishes requirements for GSM and CDMA remote certification. Phoenix introduces the student to basic electronics and antennas theories and demonstrates installation, set-up, and field maintenance along with mission-specific skills required of operators in self-sufficient situations.

Course Goals: Successful students upon completion from this intensive five-week COI, students will be able to successfully plan, brief and execute collection and geo-location activities to support real-world missions in a variety of environments and settings.

Course Objectives: Upon completing this program, students will be able to:
1. Explain the characteristics and interactions of RF theory, PTT, 2G and 3G (C) networks
2. Perform protocol-specific network characterization
3. Employ RF equipment to target PTT, 2G and 3G (C) communications
4. Apply Rover support software to aid in objective exploitation
5. Use GFE equipment as a certified operator

Course Purpose and Approach: The Expeditionary Collector’s Course instructs students through an intensive series of lectures, practical applications, and field training. We 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. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 5-week course of combined classroom instruction/lab, practical exercises, and concluding with Culmination Exercise.

**Minimum Participants:** 8

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $7,657.47

**Volume Discounts 9-15 Students 3.5%:** $7,389.46

**Volume Discounts 16-24 Students 6%:** $7,198.02

**Volume Discounts 25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 802.11 Collection and Certification Course,**
**CRS#:** Phoenix-SOF-6009-IG

**Textbooks(s):** Phoenix Global Support 802.11 Operator Collection and Certification Course. Course Prerequisites: None

**Course Description:** Phoenix Global Support’s learning model focuses on developing operator-practitioners through learning that incorporates theoretical knowledge and relevant experiences. Instructor-led lectures and training provide students with operator knowledge of fundamental radio frequency (RF) propagation, 802.11 theory, principles, network functionality, and equipment utilization. This course includes a government certification for 802.11 ground.

**Course Goals:** Students will understand and identify critical aspects of RF propagation, 802.11 theory, and network functionality to support 802.11 Passive and Active operations. Students will also understand and install, operate, maintain, and troubleshoot 802.11 equipment to perform a survey, collection, denial of service, and target preparation for direction finding operations and target location.

**Course Objectives:** Upon successful completion of this program, students will be able to:
1. Identify network components and hierarchy
2. Understand the air interface and network access
3. Analyze the 802.11 network access and security features
4. Apply 802.11 principles to effectively plan operations
5. Utilize Kali Linux tools to conduct Survey and collection
6. Conduct 802.11 surveys to develop network characterization utilizing Kismet and Rover
7. Conduct survey analysis utilizing Rover
8. Conduct mission planning for collection missions
9. Conduct collection against open/secure networks
10. Conduct PCAP analysis utilizing Wireshark
11. Utilize Kali tools to explore encryption
12. Utilize active/DF tools to locate MAC of interest

**Course Purpose and Approach:** This course meets the requirements for a Tradecraft and Compliance X42525 802.11 Initial Ground Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the Government Furnished Equipment operation and limitations. Practical exercises are employed to develop skills and situational learning scenarios in realistic operational environments to develop experience performing operations with different tactics, techniques, and procedures accumulating in certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 80 Total clock hours of combined classroom instruction/lab with practical exercises and evaluation

**Minimum Participants:** 4

**Maximum Participants:** 8

**Price Per Course or Student:** Per Student, cost include:
1. Student Course book
2. Equipment and range for passive and active exercises
3. Certification and Reporting

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $3,528.00

- **Volume Discounts 9-15 Students 3.5%:** N/A
- **Volume Discounts 16-24 Students 6%:** N/A
- **Volume Discounts 25+ Students 8.5%:** N/A
NEW EQUIPMENT TRAINING

Electronic Warfare/Collection Equipment Course (Long), CRS#: Phoenix-SOF-4002-NET-F

Textbooks(s): Phoenix Global Support Precision Geo-Location Equipment Handbook

Course Prerequisites: Associated applied theory courses or in-depth knowledge of associated theories and signals of interest (equipment dependent) and equipment application

Course Description: This training provides students with thorough knowledge of the electronic warfare/collection equipment (customer specified) and supportable direction finding equipment

Course Goals: Students will be able to understand and 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.

Course Objectives: Upon completing this program, students will be able to:
1. Install, operate, maintain, and troubleshoot the electronic warfare/SIGINT collection equipment
2. Coordinate preparation of selected targets to assist with direction-finding and target location support to ground teams with supportable direction-finding equipment
3. Conduct associated mobile direction-finding/ geolocation/ collection activities

Course Purpose and Approach: The Precision Geo-Location Course instructs students through an intensive series of daily instructional lessons which include explicit procedures, activities, and materials to demonstrate comprehension of course content. We 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 the competent, self-directed operation of the electronic warfare/SIGINT collection equipment with supportable direction-finding equipment.

Length: 24 total clock hours of combined classroom instruction/ lab and practical exercises.

Minimum Participants: 6
Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
   1. GSM pre-read
   2. Student course book
   3. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $1,301.61

Volume Discounts 9-15 Students 3.5%: $1,256.06
Volume Discounts 16-24 Students 6%: $1,223.52
Volume Discounts 25+ Students 8.5%: N/A
Electronic Warfare/Collection Equipment Course (Short), CRS#: Phoenix-SOF-4001-NET-F

Textbooks(s): Phoenix Global Support Precision Geo-Location Equipment Handbook

Course Prerequisites: Associated Applied Theory courses or in-depth knowledge of associated theories and signals of interest (equipment dependent) and equipment application

Course Description: This training provides students with thorough knowledge of the electronic warfare/collection equipment (customer specified) and supportable direction finding equipment

Course Goals: 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.

Course Objectives: Upon completing this program, students will be able to:

1. Install, operate, maintain, and troubleshoot the electronic warfare/SIGINT collection equipment
2. Coordinate preparation of selected targets to assist with direction-finding and target location support to ground teams with supportable direction-finding equipment
3. Conduct associated mobile direction-finding/ geolocation/ collection activities

Course Purpose and Approach: The Precision Geo-Location Course instructs students through an intensive series of daily instructional lessons which include explicit procedures, activities, and materials to demonstrate comprehension of course content. We 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 the competent, self-directed operation of the electronic warfare/SIGINT collection equipment with supportable direction-finding equipment.

Length: 16 total clock hours of combined classroom instruction/ lab and practical exercises.

Minimum Participants: 6
Maximum Participants: 24

Price Per Course or Student: Per student, cost include:

1. GSM pre-read
2. Student course book
3. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $955.29
Volume Discounts 9-15 Students 3.5%: $921.85
Volume Discounts 16-24 Students 6%: $897.97
Volume Discounts 25+ Students 8.5%: N/A
Electronic Warfare/Collection Equipment Course (Long, With Culmination Exercise), CRS#: Phoenix-SOF-4003-NET-F

**Textbooks(s):** Phoenix Global Support Precision Geo-Location Equipment Handbook

**Course Prerequisites:** Associated applied theory courses or in-depth knowledge of associated theories and signals of interest (equipment dependent) and equipment application

**Course Description:** This training provides students with thorough knowledge of the electronic warfare/collection equipment (customer specified) and supportable direction finding equipment

**Course Goals:** 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.

**Course Objectives:** Upon completing this program, students will be able to:
1. Install, operate, maintain, and troubleshoot the electronic warfare/SIGINT collection equipment
2. Coordinate preparation of selected targets to assist with direction-finding and target location support to ground teams with supportable direction-finding equipment
3. Conduct associated mobile direction-finding/ geolocation/ collection activities

**Course Purpose and Approach:** The Precision Geo-Location Course instructs students through an intensive series of daily instructional lessons which include explicit procedures, activities, and materials to demonstrate comprehension of course content. We 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 the competent, self-directed operation of the electronic warfare/SIGINT collection equipment with supportable direction-finding equipment.

**Length:** 40 total clock hours of combined classroom instruction/ lab and practical exercises.

**Minimum Participants:** 6

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. GSM pre-read
2. Student course book
3. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $1,730.44

**Volume Discounts**
- **9-15 Students 3.5%:** $1,669.87
- **16-24 Students 6%:** $1,626.61
- **25+ Students 8.5%:** N/A
ELECTRONIC WARFARE COURSES

Special Operations Electronic Warfare Operator Course, CRS#: Phoenix-SOF-5001-EW-IG

Textbooks(s): Phoenix Global Support Special Operations Electronic Warfare Operator Initial Qualification Course

Course Description: This extensive course will provide students with a systematic progression resulting in applied knowledge of GSM, UMTS, LTE, 802.11, and PTT theories and the abilities to operate various equipment in both passive and active mission modes. This course of instruction accomplishes GFE equipment certification requirements. Phoenix introduces the student to basic electronics and antennas theories and demonstrates installation, set-up, and field maintenance along with mission-specific skills required of operators in self-sufficient situations.

Course Goals: Upon completion of this intensive six-week course of instruction, students will be able to successfully plan, brief, and execute direction-finding activities to support real world missions in a variety of environments and settings. Students will receive Tradecraft and Compliance X42525 Initial Ground Operations certifications in the associated technologies.

Course Objectives: Upon Phoenix’s completing this program, students will be able to:
1. Explain the characteristics and interactions of GSM, UMTS, LTE, 802.11, and PTT networks
2. Perform protocol-specific network characterization
3. Use direction finding equipment for terminal DF
4. Employ RF equipment to exploit GSM, UMTS, LTE, 802.11, and PTT communications
5. Apply Rover support software to aid in objective exploitation
6. Use GFE as a certified operator

Course Purpose and Approach: The Special Operations Electronic Warfare Operator’s Course instructs students through an intensive series of lectures, practical applications, and field training. We 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. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 6-week course of combined classroom instruction, lab, and practical exercises

Minimum Participants: 6
Maximum Participants: 12
Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.

Phoenix conducts these courses at the Fayetteville, NC training campus.

GSA Price w/IFF: $13,261.51
Volume Discounts 9-15 Students 3.5%: $12,797.36
Volume Discounts 16-24 Students 6%: N/A
Volume Discounts 25+ Students 8.5%: N/A
Thuraya Course (OEM Certified Course), CRS# Phoenix-SAT-6009-CER-IA

Textbooks(s): Phoenix Global Support Thuraya Course

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 provides students with an overview of Thuraya satellite technologies to include network components and their functionality in an approach to support intelligence operations.

Course Goals: The overall goal of this OEM Certified Course is to prepare the students for new equipment focused training using acquired knowledge of satellite networks. Students will be able to apply knowledge of network operations to maximize the operations of assigned technologies.

Course Objectives: Upon completing this program, students will be able to:
   1. Understand the basic Thuraya networks, capabilities, and operation
   2. Demonstrate proper operations of new equipment

Course Purpose and Approach: The Thuraya course instructs 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. We expand the student’s work identification skills and strategies to critical thought.

Length: 24 total clock hours of combined classroom instruction/ lab with practical exercises.

Minimum Participants: 6

Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
   1. Student course book

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $1,056.23
Volume Discounts 9-15 Students 3.5%: $1,019.26
Volume Discounts 16-24 Students 6%: $992.86
Volume Discounts 25+ Students 8.5%: N/A
PRCING GEO-LOCATION COURSES - INITIAL CERTIFICATION (GROUND)

Tradecraft and Compliance X42525 802.11 Certification Course, CRS#: Phoenix-802-6008-IG

Textbooks(s): Phoenix Global Support 802.11 Certification Course. Course Prerequisites: None

Course Description: This course is an operator-focused certification course for 802.11 operations

Course Goals: Students will understand and identify critical aspects of RF propagation, 802.11 theory, and network functionality to support 802.11 Active operations. Students will also understand and install, operate, maintain, and troubleshoot 802.11 equipment to perform a survey and target preparation for direction finding operations and target location.

Course Objectives: Upon successful completion of this program, students will be able to:
1. Identify network components and hierarchy
2. Understand the air interface and network access
3. Analyze the 802.11 network access and security features
4. Apply 802.11 principles to effectively plan operations
5. Conduct survey analysis utilizing Rover
6. Conduct mission planning for active missions
7. Utilize active/DF tools to locate MAC of interest

Course Purpose and Approach: This course meets the requirements for a Tradecraft and Compliance X42525 802.11 Initial Ground Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the Government Furnished Equipment operation and limitations. Practical exercises are employed to develop skills and situational learning scenarios in realistic operational environments to develop experience performing operations with different tactics, techniques, and procedures accumulating in certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 40 Total clock hours of combined classroom instruction/lab with practical exercises and evaluation
Minimum Participants: 4
Maximum Participants: 8
Price Per Course or Student: Per student, cost include:
1. Student Course book
2. Equipment and range for active exercise

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $2,116.00

Volume Discounts 9-15 Students 3.5%: N/A
Volume Discounts 16-24 Students 6%: N/A
Volume Discounts 25+ Students 8.5%: N/A
Tradecraft and Compliance X42525 GSM Ground Certification, CRS# Phoenix-M1-6001-CER-IG

Textbooks(s): None
Course Prerequisites: GSM Theory course or in-depth knowledge of GSM and RF theory and application. We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for GSM ground operations.

Course Goals: 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

Course Objectives: Upon successful completion of this program, students will be able to install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a GSM network with the intent to geo-locate a mobile device of interest.

Course Purpose and Approach: This course meets the requirements for a Tradecraft and Compliance X42525 GSM Initial Ground Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

Minimum Participants: 3
Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer's location.
The customer pays added travel expenses for training at the customer's location.

GSA Price w/IFF: $1,693.47
Volume Discounts 9-15 Students 3.5%: $1,634.20
Volume Discounts 16-24 Students 6%: $1,591.87
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 CDMA Ground Certification, CRS# Phoenix-M2-6003-CER-IG

Textbooks(s): None
Course Prerequisites: CDMA Theory course or in-depth knowledge of CDMA and RF Theory and application. We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for CDMA ground operations.
Course Goals: 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 CDMA network and geo-locate a mobile device.

Course Objectives: Upon completion of this program, students will be able to install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a CDMA network with the intent to geo-locate a mobile device of interest.

Course Purpose and Approach: This course meets the requirements for a Tradecraft and Compliance X42525 CDMA Initial Ground Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

Minimum Participants: 3
Maximum Participants: 24
Price Per Course or Student: Per student, cost include:
   1. Student course book
   2. Equipment lab
   3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix's secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer's location.

GSA Price w/IFF: $1,693.47
Volume Discounts 9-15 Students 3.5%: $1,634.20
Volume Discounts 16-24 Students 6%: $1,591.87
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 UMTS Ground Certification, CRS# Phoenix-M3-6005-CER-IG

Textbooks(s): None

Course Prerequisites: UMTS theory course or in-depth knowledge of UMTS and RF theory and application. We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for UMTS ground operations.

Course Goals: 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 UMTS network and geo-locate a mobile device.

Course Objectives: Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a UMTS network with the intent to geo-locate a mobile device of interest.

Course Purpose and Approach: This course meets the requirements for a Tradecraft and Compliance X42525 UMTS Initial Ground Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in
realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 3  
**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
- 1. Student course book
- 2. Equipment lab
- 3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $1,693.47  
**Volume Discounts 9-15 Students 3.5%:** $1,634.20  
**Volume Discounts 16-24 Students 6%:** $1,591.87  
**Volume Discounts 25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 LTE Ground Certification, CRS# Phoenix-M5-6007-CER-IG**

**Textbooks(s):** None

Course Prerequisites: LTE Theory course or in-depth knowledge of LTE and RF theory and application. We require a current GSM Ground Certification and we recommend either CDMA or UMTS Ground Certification. We require a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused certification course for LTE ground operations.

**Course Goals:** Students will recognize and explain system parameters and operation; be able to install, operate, maintain, and troubleshoot the GFE system, to effectively integrate with an LTE network and geo-locate a mobile device.

**Course Objectives:** Upon completion of this program, students will be able to install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with an LTE network with the intent to geo-locate a mobile device of interest.

**Course Purpose and Approach:** This course meets the requirements for a Tradecraft and Compliance X42525 LTE Initial Ground Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 4  
**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
- 1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $1,693.47
**Volume Discounts 9-15 Students 3.5%:** $1634.20
**Volume Discounts 16-24 Students 6%:** $1,591.87
**Volume Discounts 25+ Students 8.5%:** N/A

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**Phoenix Capabilities**

**Advanced Adult Learning.** Phoenix offers a DoD-proven training concept and design (PADDIE+M – Planning, Analysis, Design, Development, Implementation, Evaluation, and Maintenance). PADDIE+M is the advanced version of ADDIE developed by the US Navy.

**Cradle-To-Grave Contract Solution.** An offeror that provides a DoD-proven training concept and design (PADDIE+M) coupled with a Project Management Institute process.

**NSA Certification.** An offeror that exceeds requirements for other related contracts with 100% NSA Tradecraft and Compliance-certified instructor cadre with two certified Master Instructors.

**Superior Security.** A Defense Counterintelligence and Security Agency (DCSA) “Superior” rated offeror with a Top Secret facility clearance with Secret storage providing classified training every day.

**Certified Quality.** An offeror with ISO 9001:2015 Quality Management System (QMS) certification for designed service solutions.

**Approved Accounting.** An offeror with a Defense Contract Audit Agency (DCAA) approved cost accounting system.
PRECISION GEO-LOCATION COURSES – RE-CERTIFICATION (GROUND)

Tradecraft and Compliance X42525 802.11 Re-Certification Course, CRS#: Phoenix-802-6008-RG

Textbooks(s): None, Course Prerequisites: None

Course Description: This course is an operator-focused recertification course for 802.11 operations

Course Goals: Students will understand and identify critical aspects of RF propagation, 802.11 theory, and network functionality to support 802.11 Active operations. Students will also understand and install, operate, maintain, and troubleshoot 802.11 equipment to perform a survey and target preparation for direction finding operations and target location.

Course Objectives: Upon successful completion of this program, students will be able to:
1. Identify network components and hierarchy
2. Understand the air interface and network access
3. Analyze the 802.11 network access and security features
4. Apply 802.11 principles to effectively plan operations
5. Conduct survey analysis utilizing Rover
6. Conduct mission planning for active missions
7. Utilize active/DF tools to locate MAC of interest

Course Purpose and Approach: This course meets the re-certification for a Tradecraft and Compliance X42525 802.11 Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the Government Furnished Equipment operation and limitations. Practical exercises are employed to develop skills and situational learning scenarios in realistic operational environments to develop experience performing operations with different tactics, techniques, and procedures accumulating in certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 16 Total clock hours of combined classroom instruction/lab with practical exercises and evaluation

Minimum Participants: 3

Maximum Participants: 8

Price Per Course or Student: Per student, cost includes:
1. Equipment and range for active exercise

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $1,487.00
Volume Discounts 9-15 Students 3.5%: N/A
Volume Discounts 16-24 Students 6%: N/A
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 GSM Ground Re-Certification, CRS# Phoenix-2G-6016-CER-RG

Textbooks(s): None
Course Prerequisites: GSM Theory course or in-depth knowledge of GSM and RF theory and application. We require a current GSM Ground Certification and a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused re-certification course for GSM ground operations.

**Course Goals:** 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

**Course Objectives:** Upon completion of this program, students will be able to install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a GSM network with the intent to geo-locate a mobile device of interest.

**Course Purpose and Approach:** This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 GSM Certified Ground Operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 3  
**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student course book  
2. Equipment lab  
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $920.55

**Volume Discounts 9-15 Students 3.5%:** $888.33  
**Volume Discounts 16-24 Students 6%:** $865.31  
**Volume Discounts 25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 CDMA Ground Re-Certification, CRS# Phoenix-3C-6018-CER-RG**

**Textbooks(s):** None

Course Prerequisites: CDMA Theory course or in-depth knowledge of CDMA and RF Theory and application. We require a current CDMA Ground Certification and a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused re-certification course for CDMA ground operations.

**Course Goals:** 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 CDMA network and geo-locate a mobile device.
Course Objectives: Upon successful completion of this program, students will be able to install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a CDMA network with the intent to geo-locate a mobile device of interest.

Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 CDMA Certified Ground Operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 20 total clock hours of combined classroom instruction/lab with practical exercises and evaluation.

Minimum Participants: 3
Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix's secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer's location.

GSA Price w/IFF: $920.55

Volume Discounts 9-15 Students 3.5%: $888.33
Volume Discounts 16-24 Students 6%: $865.31
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 UMTS Ground Re-Certification, CRS# Phoenix-3U-6020-CER-RG

Textbooks(s): None

Course Prerequisites: UMTS Theory course or in-depth knowledge of UMTS and RF Theory and application. We require a current UMTS Ground Certification and a passing grade on the course entrance exam.

Course Description: This course is an operator-focused re-certification course for UMTS ground operations.

Course Goals: 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 UMTS network and geo-locate a mobile device.

Course Objectives: Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a UMTS network with the intent to geo-locate a mobile device of interest.

Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 UMTS Certified Ground Operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification
equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 4

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix's secure training campus in Fayetteville, NC or at the customer's location.

The customer pays added travel expenses for training at the customer's location.

**GSA Price w/IFF:** $920.55

**Volume Discounts 9-15 Students 3.5%:** $888.33

**Volume Discounts 16-24 Students 6%:** $865.31

**Volume Discounts 25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 LTE Ground Re-Certification, CRS# Phoenix-4G-6022-CER-RG**

**Textbooks(s):** None

Course Prerequisites: Applied 4G Theory course or in-depth knowledge of 4G Theory and RF Theory and application. Current LTE Ground Certification (including Current GSM Ground Certification and either CDMA or 3 Ground Certification). We require a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused recertification course for LTE ground operations.

**Course Goals:** 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 4G network and geo-locate a mobile device

**Course Objectives:** Upon successful completion of this program, students will be able to install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a 4G network with the intent to geo-locate a mobile device of interest.

**Course Purpose and Approach:** This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 LTE Certified Ground Operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 3

**Maximum Participants:** 24
Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.
Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $920.55
Volume Discounts 9-15 Students 3.5%: $888.33
Volume Discounts 16-24 Students 6%: $865.31
Volume Discounts 25+ Students 8.5%: N/A
PRECISION GEO-LOCATION COURSES – INITIAL CERTIFICATION (AIRBORNE)

Tradecraft and Compliance X42525 GSM Air Certification, CRS# Phoenix-M1-6002-CER-IA

Textbooks(s): None
Course Prerequisites: GSM Theory course or in-depth knowledge of GSM and RF Theory and application. We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for GSM airborne operations.

Course Goals: 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.

Course Objectives: Upon successful completion of this program, students will be able to install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a GSM network with the intent to geo-locate a mobile device.

Course Purpose and Approach: This course meets the requirements for a Tradecraft and Compliance X42525 GSM Initial Airborne Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

Minimum Participants: 4
Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $1,646.90
Volume Discounts 9-15 Students 3.5%: $1,589.26
Volume Discounts 16-24 Students 6%: $1,548.09
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 CDMA Air Certification, CRS# Phoenix-M2-6004-CER-IA

Textbooks(s): None
Course Prerequisites: CDMA Theory course or in-depth knowledge of CDMA and RF theory and application. We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for CDMA airborne operations.
**Course Goals:** 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 CDMA network and geo-locate a mobile device.

**Course Objectives:** Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a CDMA network with the intent to geo-locate a mobile device of interest.

**Course Purpose and Approach:** This course meets the requirements for Tradecraft and Compliance X42525 CDMA initial airborne operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 4  
**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student course book  
2. Equipment lab  
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $1,646.90  
**Volume Discounts 9-15 Students 3.5%:** $1,589.26  
**Volume Discounts 16-24 Students 6%:** $1,548.09  
**Volume Discounts 25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 UMTS Air Certification, CRS# Phoenix-M3-6006-CER-IA**

**Textbooks(s):** None

**Course Prerequisites:** UMTS Theory course or in-depth knowledge of UMTS and RF Theory and application. We require a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused certification course for UMTS airborne operations.

**Course Goals:** 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 UMTS network and geo-locate a mobile device.

**Course Objectives:** Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a UMTS network with the intent to geo-locate a mobile device of interest.

**Course Purpose and Approach:** This course meets the requirements for Tradecraft and Compliance X42525 UMTS initial airborne operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.
realistic operational environments for certification. Note: Certification equipment is
Government Furnished Equipment. The Requiring Activity shall arrange shipment and
custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises
and evaluation.

**Minimum Participants:** 4

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at
the customer’s location. The customer pays added travel expenses for training at the
customer’s location.

**GSA Price w/IFF:** $1,646.90

**Volume Discounts**
- **9-15 Students 3.5%:** $1,589.26
- **16-24 Students 6%:** $1,548.09
- **25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 LTE Air Certification, CRS# Phoenix-M5-6008-CER-IA**

**Textbooks(s):** None

**Course Prerequisites:** Applied 4G Theory course or in-depth knowledge of 4G Theory and
RF Theory and application. We require a current GSM Air Certification and recommend either
CDMA or UMTS Air Certification and a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused certification course for LTE
airborne operations.

**Course Goals:** 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 4G network and geo-locate a mobile device

**Course Objectives:** Upon successful completion of this program, students will be able to:
install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a
4G network with the intent to geo-locate a mobile device of interest.

**Course Purpose and Approach:** This course meets the requirements for a Tradecraft and
Compliance X42525 LTE initial airborne operator certification. This course uses a blended
learning format to provide students with a thorough knowledge of the GFE equipment and
related information, practical exercises to develop skills and situational learning scenarios in
realistic operational environments for certification. Note: Certification equipment is
Government Furnished Equipment. The Requiring Activity shall arrange shipment and
custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises
and evaluation.

**Minimum Participants:** 4

**Maximum Participants:** 10

**Price Per Course or Student:** Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $12,467.42
Volume Discounts 9-15 Students 3.5%: $12,031.06
Volume Discounts 16-24 Students 6%: N/A
Volume Discounts 25+ Students 8.5%: N/A
PRECISION GEO-LOCATION COURSES – RE-CERTIFICATION (AIRBORNE)

Tradecraft and Compliance X42525 GSM Air Re-Certification, CRS# Phoenix-2G-6017-CER-RA

**Textbooks(s):** None

**Course Prerequisites:** GSM Theory course or in-depth knowledge of GSM and RF Theory and application. Current GSM Ground Certification. We require a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused re-certification course for GSM airborne operations.

**Course Goals:** 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.

**Course Objectives:** Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a GSM network with the intent to geo-locate a mobile device of interest.

**Course Purpose and Approach:** This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 GSM certified airborne operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on simulation emulator.

**Minimum Participants:** 4

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
1. Student course book
2. Equipment lab.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $920.55

**Volume Discounts 9-15 Students 3.5%:** $888.33

**Volume Discounts 16-24 Students 6%:** $865.31

**Volume Discounts 25+ Students 8.5%:** N/A

Tradecraft and Compliance X42525 CDMA Air Re-Certification, CRS# Phoenix-3C-6019-CER-RA

**Textbooks(s):** None

**Course Prerequisites:** CDMA theory course or in-depth knowledge of 3G (C) and RF Theory and application. Current CDMA Air Certification. We require a passing grade on the course entrance exam.
Course Description: This course is an operator-focused re-certification course for CDMA airborne operations.  
Course Goals: 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 CDMA network and geo-locate a mobile device.  
Course Objectives: Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a CDMA network with the intent to geo-locate a mobile device of interest.  
Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and ComplianceX42525 CDMA certified airborne operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students. 
Length: 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on simulation emulator. 
Minimum Participants: 4 
Maximum Participants: 24 
Price Per Course or Student: Per student, cost include:  
1. Student course book  
2. Equipment lab  
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.  
Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.  
GSA Price w/IFF: $920.55  
Volume Discounts 9-15 Students 3.5%: $888.33  
Volume Discounts 16-24 Students 6%: $865.31  
Volume Discounts 25+ Students 8.5%: N/A  
Tradecraft and Compliance X42525 UMTS Air Re-Certification, CRS# Phoenix-3U-6021-CER-RA  
Textbook(s): None  
Course Prerequisites UMTS Theory course or in-depth knowledge of UMTS and RF Theory and application. Current UMTS Air Certification. Passing grade on the course entrance exam.  
Course Description: This course is an operator-focused re-certification course for UMTS airborne operations.  
Course Goals: 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 UMTS network and geo-locate a mobile device.  
Course Objectives: Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with a UMTS network with the intent to geo-locate a mobile device of interest.
Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and ComplianceX42525 UMTS certified airborne operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification.

Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on simulation emulator.

Minimum Participants: 4
Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $920.55
Volume Discounts 9-15 Students 3.5%: $888.28
Volume Discounts 16-24 Students 6%: $865.27
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 LTE Air Re-Certification, CRS# Phoenix-4G-6023-CER-RA

Textbook(s): None

Course Prerequisites: LTE Theory course or in-depth knowledge of LTE Theory and RF Theory and application. Current LTE Air Certification (including Current GSM Air Certification and either CDMA or 3 Air Certification). We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused recertification course for LTE airborne operations.

Course Goals: Students will recognize and explain system parameters and operation; be able to install, operate, maintain, and troubleshoot the GFE system, to effectively integrate with an LTE network and geo-locate a mobile device.

Course Objectives: Upon successful completion of this program, students will be able to: install, operate, maintain, and troubleshoot GFE equipment to effectively integrate with an LTE network with the intent to geo-locate a mobile device of interest.

Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and ComplianceX42525 LTE certified airborne operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification.
equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification.

Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 20 clock hours of combined classroom instruction/lab with practical exercises and evaluation.

**Minimum Participants:** 4

**Maximum Participants:** 10

**Price Per Course or Student:** Per student, cost include:

1. Student course book
2. Equipment lab
3. Non-GFE, aircraft flight time, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $4867.50

**Volume Discounts 9-15 Students 3.5%:** $4,697.14

**Volume Discounts 16-24 Students 6%:** N/A

**Volume Discounts 25+ Students 8.5%:** N/A
**PRECISION GEO-LOCATION COURSES - INITIAL CERTIFICATION (REMOTE)**

**Tradecraft and Compliance X42525 Remote Terminal GSM Certification, CRS#: Phoenix-2G-6010-CER-IU**

**Textbooks(s):** Phoenix provides student handbooks.

**Course Prerequisites:** GSM Theory course or in-depth knowledge of GSM and RF theory and application. We require a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused certification course for GSM Remote operations.

**Course Goals:** Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use 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 effectively perform independent PGL operations.

**Course Purpose and Approach:** This course meets the requirements for Tradecraft and Compliance X42525 GSM initial Remote operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on simulation emulator.

**Minimum Participants:** 4

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:

1. Student course book
2. Equipment lab
3. Non-GFE, vehicle, and range for practical and culmination exercises.

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $1,471.02

**Volume Discounts 9-15 Students 3.5%:** $1,419.53

**Volume Discounts 16-24 Students 6%:** $1,382.75

**Volume Discounts 25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 Remote Terminal CDMA Certification, CRS#: Phoenix-3C-6011-CER-IU**

**Textbooks(s):** Student handbooks provided by Phoenix for student use

**Course Prerequisites:** CDMA theory course or in-depth knowledge of CDMA and RF theory and application. We require a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused certification course for CDMA Remote Operations.
Course Goals: Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use a remote terminal 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 effectively perform independent PGL operations.

Course Purpose and Approach: This course meets the requirements for Tradecraft and Compliance X42525 CDMA initial remote operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 40 total clock hours of combined classroom instruction/lab with practical exercises and evaluation on simulation emulator.

Minimum Participants: 4

Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $1,471.02

Volume Discounts 9-15 Students 3.5%: $1,419.53
Volume Discounts 16-24 Students 6%: $1,382.75
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 Remote Terminal UMTS Certification, CRS#: Phoenix-3U-6012-CER-IU

Textbooks(s): Phoenix provides student handbooks

Course Prerequisites: UMTS Theory course or in-depth knowledge of UMTS and RF theory and application. We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for UMTS remote operations.

Course Goals: Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use a remote terminal 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 effectively perform independent PGL operations.

Course Purpose and Approach: This course meets the requirements for Tradecraft and Compliance X42525 UMTS initial Remote operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in
realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on simulation emulator.

**Minimum Participants:** 4  
**Maximum Participants:** 24  
**Price Per Course or Student:** Per student, cost include:
   1. Student course book  
   2. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $1,471.02  
**Volume Discounts 9-15 Students 3.5%:** $1,419.53  
**Volume Discounts 16-24 Students 6%:** $1,382.75  
**Volume Discounts 25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 Remote Terminal LTE Certification, CRS#:** Phoenix-4G-6013-CER-IU

**Textbook(s):** Phoenix provides student handbooks

Course Prerequisites: LTE Theory course or in-depth knowledge of LTE and RF theory and application. Phoenix requires a current GSM Remote Certification and we recommend either CDMA or UMTS Remote Certification and a passing grade on the entrance exam.

**Course Description:** This course is an operator-focused certification course for LTE Remote Operations.

**Course Goals:** Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use a remote terminal 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 effectively perform independent PGL operations.

**Course Purpose and Approach:** This course meets the requirements for Tradecraft and Compliance X42525 LTE Initial Remote Operator certification. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification.

Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 40 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on.

**Minimum Participants:** 4  
**Maximum Participants:** 10  
**Price Per Course or Student:** Per student, cost include:
   1. Student course book
2. Equipment lab
Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $2,573.52

**Volume Discounts**
- **9-15 Students 3.5%:** $2,483.45
- **16-24 Students 6%:** N/A
- **25+ Students 8.5%:** N/A

**Remote Terminal - 802.11 Mission Payload Operator Training, CRS# Phoenix-802-6014-PGL-IU**

**Textbooks(s):** Phoenix provides student handbooks

**Course Prerequisites:** None

**Course Description:** This training provides students with knowledge of basic 802.11 survey and Precision Geo-Location capabilities.

**Course Goals:** Students will understand and be able to conduct 802.11 precision geolocation in support of computer network operations.

**Course Objectives:** Upon completing this program, students will be able to understand an 802.11 network’s architecture, functionality, and broadcasted parameters for follow-on operations, identify and configure Wave system requirements, identify and troubleshoot WAVE system, use GIS for survey analysis and mission execution, and use various hardware to support operations.

**Course Purpose and Approach:** The 802.11 PGL Course instructs students through an intensive series of practical applications. We 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.

**Length:** 32 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 6

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:
- 1. Student course book
- 2. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $2,569.19

**Volume Discounts**
- **9-15 Students 3.5%:** $2,479.27
- **16-24 Students 6%:** $2,415.04
- **25+ Students 8.5%:** N/A
PRECISION GEO-LOCATION COURSES – RE-CERTIFICATION (REMOTE)

Tradecraft and Compliance X42525 Remote Terminal GSM Re-certification, CRS#: Phoenix-2G-6024-CER-RU

Textbooks(s): Student handbooks provided by Phoenix for student use

Course Prerequisites: Current Tradecraft and Compliance X42525 GSM Air Certification. We require a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for service specific GFE equipment suites and includes theory refresher, new equipment training, and air applications training.

Course Goals: Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use a remote terminal 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 effectively perform independent PGL operations.

Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 GSM Certified Remote Operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on simulation emulator.

Minimum Participants: 4

Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
   1. Student course book
   2. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

GSA Price w/IFF: $920.55

Volume Discounts 9-15 Students 3.5%: $888.33
Volume Discounts 16-24 Students 6%: $865.31
Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 Remote Terminal CDMA Re-certification, CRS#: Phoenix-3C-6025-CER-RU

Textbooks(s): Student handbooks provided by Phoenix for student use.

Course Prerequisites: Current Tradecraft and Compliance X42525 CDMA Air Certification. We require a passing grade on the course entrance exam.
**Course Description:** This course is an operator-focused certification course for service specific GFE equipment suites and includes theory refresher, new equipment training, and air applications training.

**Course Goals:** Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use a remote terminal 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 effectively perform independent PGL operations.

**Course Purpose and Approach:** This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 CDMA certified remote operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 20 total clock hours of combined classroom instruction/ lab with practical exercises and evaluation on simulation emulator.

**Minimum Participants:** 4

**Maximum Participants:** 24

**Price Per Course or Student:** Per student, cost include:

1. Student course book
2. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.

**GSA Price w/IFF:** $920.55

**Volume Discounts**

- **9-15 Students 3.5%:** $888.33
- **16-24 Students 6%:** $865.31
- **25+ Students 8.5%:** N/A

**Tradecraft and Compliance X42525 Remote Terminal UMTS Re-certification,**

**CRS#:** Phoenix-3U-6026-CER-RU

**Textbooks:** Student handbooks provided by Phoenix for student use

**Course Prerequisites:** Current Tradecraft and Compliance X42525 UMTS Air Certification. We require a passing grade on the course entrance exam.

**Course Description:** This course is an operator-focused certification course for service specific GFE equipment suites and includes theory refresher, new equipment training, and air applications training.

**Course Goals:** Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use a remote terminal 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 effectively perform independent PGL operations.
Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 UMTS Certified Remote Operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification. Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

Length: 20 total clock hours of combined classroom instruction/lab with practical exercises and evaluation on simulation emulator.

Minimum Participants: 4

Maximum Participants: 24

Price Per Course or Student: Per student, cost include:
1. Student course book
2. Equipment lab

Phoenix conducts the course at Phoenix's secure training campus in Fayetteville, NC or at the customer's location. The customer pays added travel expenses for training at the customer's location.

GSA Price w/IFF: $920.55

Volume Discounts 9-15 Students 3.5%: $888.33

Volume Discounts 16-24 Students 6%: $865.31

Volume Discounts 25+ Students 8.5%: N/A

Tradecraft and Compliance X42525 Remote Terminal LTE Re-certification, CRS#: Phoenix-4G-6027-CER-RU

Textbook(s): Phoenix provides student handbooks

Course Prerequisites: LTE Theory course or in-depth knowledge of LTE and RF theory and application. We require a current GSM Remote Certification and we recommend either CDMA or UMTS Remote Certification. You must receive a passing grade on the course entrance exam.

Course Description: This course is an operator-focused certification course for service specific GFE equipment suites and includes theory refresher, new equipment training, and air applications training.

Course Goals: Students will recognize and explain system parameters and operation; be able to operate, maintain, and troubleshoot the GFE to effectively use a remote terminal 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 effectively perform independent PGL operations.

Course Purpose and Approach: This course meets the requirements for re-certification as a Tradecraft and Compliance X42525 LTE certified remote operator. This course uses a blended learning format to provide students with a thorough knowledge of the GFE equipment and related information, practical exercises to develop skills and situational learning scenarios in realistic operational environments for certification.
Note: Certification equipment is Government Furnished Equipment. The Requiring Activity shall arrange shipment and custody of the equipment with the Phoenix Project Manager before scheduling students.

**Length:** 20 clock hours of combined classroom instruction/ lab with practical exercises and evaluation.

**Minimum Participants:** 4  
**Maximum Participants:** 10  
**Price Per Course or Student:** Per student, cost include:

1. Student Course book  
2. Equipment lab

Phoenix conducts the course at Phoenix’s secure training campus in Fayetteville, NC or at the customer’s location. The customer pays added travel expenses for training at the customer’s location.  

**GSA Price w/IFF:** $1,275.00  
**Volume Discounts 9-15 Students 3.5%:** $1,230.38  
**Volume Discounts 16-24 Students 6%:** N/A  
**Volume Discounts 25+ Students 8.5%:** N/A