

General Services Administration
Federal Supply Service
Authorized Federal Supply
Schedule Price List

Online access to contract ordering information, terms, and conditions, up to date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu driven database system. The INTERNET address GSA Advantage!® is: GSAAdvantage.gov.

Multiple Award Schedule Information Technology

Contract Number: GS-35F-0311S

Contract Period: March 23, 2021 to March 22, 2026

Current through Mod PS-0048 effective 03/25/2022

SPECIAL ITEM No. 611420 -IT TRAINING

(FPDS Code U012)

SPECIAL ITEM No. 54151S -INFORMATION
TECHNOLOGY PROFESSIONAL SERVICES

(FPDS Code D399)

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

Company Information:

Phoenix Technology Solutions, LLC
DBA Phoenix TS

10420 Little Patuxent Parkway
20 Corporate Center, Ste 500
Columbia, MD 21044

Telephone: (301) 258-8200

Fax: (301) 309-0004

Website: <http://www.phoenixts.com>



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Customer Information:

1a. Table of awarded special item number(s) with appropriate cross reference to item descriptions and awarded price(s).

SPECIAL ITEM No. 611420 -IT TRAINING

SPECIAL ITEM No. 54151S -INFORMATION TECHNOLOGY PROFESSIONAL SERVICES

1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. N/A

1c. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided.

Please see **Error! Reference source not found.** and [PhoenixTS SIN 54151S GSA Pricing](#)

2. Maximum order: SIN 611420- \$250,000; SIN 54151S- \$500,000

3. Minimum order: \$100

4. Geographic coverage (delivery area): 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories

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

6. All pricing listed in this pricelist is Net Pricing.

7. Quantity discounts: None.

8. Prompt payment terms: Net 30 days

Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

9. Foreign items: N/A

10a. Time of delivery: As agreed to between Phoenix TS and ordering activity

10b. Expedited Delivery: As agreed to between Phoenix TS and ordering activity

10c. Overnight and 2-day delivery: N/A.

10d. Urgent Requirements: Agencies can contact the Contractor's representative to effect a faster delivery.

11. F.O.B. point(s): Destination



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12a Ordering address(es):

Phoenix Technology Solutions, LLC DBA Phoenix TS
20 Corporate Center, Ste 500 10420 Little Patuxent Parkway
Columbia, MD 21044

12b. Ordering procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.

13. Payment address(es):

Phoenix Technology Solutions, LLC DBA Phoenix TS
20 Corporate Center, Ste 500 10420 Little Patuxent Parkway
Columbia, MD 21044

14. Warranty provision: N/A

15. Export packing charges, if applicable: N/A

16. Terms and conditions of rental, maintenance, and repair (if applicable) : N/A

17. Terms and conditions of installation (if applicable) : N/A

18a. Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable) : N/A

18b. Terms and conditions for any other services (if applicable) : N/A

19. List of service and distribution points (if applicable): N/A

20. List of participating dealers (if applicable) : N/A

21. Preventive maintenance (if applicable) : N/A

22a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants) : N/A

22b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/.
www.PhoenixTS.com

23. Data Universal Number System (DUNS) number: 120222992

24. Notification regarding registration in System for Award Management

(SAM) database: Phoenix Technology Solutions LLC's SAM registration is current and accurate.

Phoenix TS SIN 611420 Training Course Descriptions

Course Name: Interconnecting Cisco Networking Devices1 (ICND 1)

Course Number:1001

Course Description: This course focuses on developing skills that will allow you to implement small switched and routed networks that consist of 1 to 20 hosts connected to a single switch.

From being able to describe how networks work to being able to use command-line interfaces to discover neighbors and manage configurations, you will learn everything you need from the ground up.

Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Interconnecting Cisco Networking Devices 2 (ICND 2)

Course Number:1002

Course Description: The purpose of this five-day course is to teach you the skills necessary to use Cisco Catalyst switches and routers that are connected to LANs and WANs in medium sized networks.

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cisco Certified Network Associate (CCNA)

Course Number:1003

Course Description: This Cisco Certified Network Associate course gives students the skills and knowledge that they need to manage an entire network environment. Each course participant will learn how to properly install and operate a small to medium-size branch office. Students will be able to troubleshoot network problems and configure all of the parts of a network including switches and routers. These courses will also focus on implementing WAN connections and maintaining network security.



Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CCNP: Implementing Cisco IP Routing (ROUTE)

Course Number: 1004

Course Description: The ROUTE course is fit for network engineers who possess at least one year of work experience professionally and are prepared to advance their IT skills and work on complex network solutions independently. Students will learn how to plan, configure and verify the implementation of secure enterprise routing solutions (LAN and WAN) using a range of routing protocols. This course also features configurations which best support branch offices as well as mobile workers.

Course Length: 5 Day(s)

Prerequisites: At least one year of networking experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CCNP: Implementing Cisco IP Switched Networks (SWITCH)

Course Number: 1005

Course Description: SWITCH is also best for the network engineer with one year of work experience minimum who is ready to take the next step in terms of working independently on network solutions of a complex nature. Students will learn about planning, configuring and verifying the implementation of complicated enterprise switching set ups using Cisco's Campus Enterprise Architecture. The course also includes secure integration of VLANs, WLANs, voice and video traffic into campus networks.

Course Length: 5 Day(s)

Prerequisites: At least one year of networking experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CCNP: Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)



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Course Number: 1006

Course Description: TSHOOT is again with the network engineer who has a year of work experience in mind. It advances IT professionals to a point where they will ultimately be able to work on high-end network solutions independently. Students will acquire knowledge which enables them to (1) perform standard maintenance on complicated enterprise routed as well as switched networks and (2) utilize technology-based practices in combination with a systematic ITIL-compliant approach to execute network troubleshooting. Hands-on learning and reinforcement of troubleshooting skills is provided in extensive labs.

Course Length: 5 Day(s)

Prerequisites: At least one year of networking experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ICOMM - Introducing Cisco Voice and Unified Communications Administration v8.1

Course Number: 1007

Course Description: The ICOMM training course is available in both an online and in-person format. This 5-day training course is part of the CCNA Voice and CCNA Video certification tracks. It is designed to provide the necessary knowledge and skills to maintain and operate a Cisco Unified Communications solution that is based on Cisco Unified Communications Manager, Cisco Unified Communications Manager Express, Cisco Unified Presence and Cisco Unity Connection.

Course Length: 5 Days

Prerequisites: Networking experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Class Location: Client site or Phoenix TS provided site

Course Name: IUWNE - Implementing Cisco Unified Wireless Networking Essentials v2.0

Course Number: 1008

Course Description: The IUWNE training course is available in both an online and in-person format. This 5-day training course is designed to provide the necessary knowledge and skills to design, install, configure, monitor and troubleshoot the Cisco WLAN.

In addition, students will be led through all the exam objectives so that they are properly prepared to handle the CCNA Wireless certification exam at the end of the 5-day course.



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Course Length: 5 Days

Prerequisites: Networking experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: IINS - Implementing Cisco IOS Network Security v2.0

Course Number: 1009

Course Description: Formerly known as CCNA Security, the IINS training course is available in both an online and in- person format. This 5-day training course is designed to provide the necessary knowledge and skills to properly implement and monitor a comprehensive security policy.

In addition, students will be led through all the exam objectives so that they are properly prepared to handle the CCNA Security certification exam at the end of the 5-day course

Course Length: 5 Days

Prerequisites: Networking experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: DCUCI - Implementing Cisco Data Center Unified Computing v5.0

Course Number: 1018

Course Description: The DCUCI training course is available in both an online and in-person format. This 5-day training course is part of the CCNP Data Center certification and is designed to provide the fundamental knowledge and skills necessary to manage, maintain, troubleshoot and execute an effective virtualization implementation strategy.

In addition, students will be led through all the exam objectives so that they are properly prepared to handle the DCUCI exam at the end of the 5-day course.

Course Length: 5 Days

Prerequisites: CCNA

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: DCMDS - Configuring Cisco MDS 9000 Series Switches



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Course Number: 1020

Course Description: The DCMDS training course is available in both an online and in-person format. This 5-day training course is designed to provide the fundamental knowledge and skills necessary to configure and manage the Cisco MDS 9000 Series Switches.

Course Length: 5 Days

Prerequisites: CCNA

of students/class: 1

Course Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Securing Cisco Networks with Threat Detection and Analysis (SCYBER)

Course Number: 1021

Course Description: This course is designed for IT professionals pursuing their Cyber Security Specialist Certification and can empower them with the knowledge that can translate into the skills to operate on a security analysis team. The training focuses on fundamental cyber security concepts and terminology, the functionality of network security operations centers (SOC), and the skills/tools for monitoring, analyzing and responding to network security threats.

Course Length: 5 Days Prerequisites: CCNA

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA A+

Course Number: 1028

Course Description: Phoenix TS five-day CompTIA A+ course provides students with the best possible knowledge base for taking the A+ certification exam. The Phoenix TS A+ course involves hands on training, which expands the student's perspective and knowledge on a computer's hardware and their operating systems (DOS / Windows 9x, 2000 and XP). Upon completing this course, students will have the background they need to comprehend the basic fundamentals of PC technology, PC networking, and PC security. They will also possess the aptitude that is required to identify computer hardware, as well as peripheral, networking, and lastly, security components.

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA Network+

Course Number: 1029

Course Description: Phoenix TS 5-day CompTIA Network+ Boot Camp provides students the most complete preparation for the Network+ certification exam. This is an accelerated approach to learning which meets the demands of IT professionals who seek effective skill- building as it applies to the real world. Students graduate with the skills and knowledge required to handle installation, management and troubleshooting on various of networks living on platforms of any type. At the end of the training students will be ready to take their CompTIA Network+ Certification exam.

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA Security+

Course Number: 1030

Course Description: Phoenix TS 5-day CompTIA Security+ Boot Camp provides students the most complete preparation for the Security+ certification exam. This effective accelerated learning arrangement is designed for the IT professional who demands real-world skill- building while gaining their certification. Our Security+ training teaches students knowledge and skills needed to protect computers and networks from the theft or destruction of information or disruption of communication.

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA Server+

Course Number: 1031

Course Description: CompTIA Server+ awarded by CompTIA organization is a widely recognized certification in the area of server technologies. It certifies the technical knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies.

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA Linux+

Course Number: 1032

Course Description: CompTIA Linux+ Powered by LPI is a high-stakes, vendor-neutral certification that validates the fundamental knowledge and skills required of junior Linux administrators.

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Ethical Hacker (CEH)

Course Number: 1035

Course Description: During our 5-day EC-Council Certified Ethical Hacker Certification (CEHv7) course at Phoenix TS, students will learn to look for the vulnerabilities and weaknesses in different target systems using the same knowledge and tools as a hacker.

Course Length: 5 Day(s)

Prerequisites: Experience in the Computer Security field is strongly recommended

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Computer Hacking Forensic Investigator (CHFI)

Course Number: 1036

Course Description: The Computer Hacking Forensic Investigator course gives students the skills that they need to locate the online footprints of computer perpetrators. Forensic investigators can benefit from this course by learning how to effectively gather evidence to prosecute offenders. You will learn the latest information about forensic software, hardware and how to apply specialized forensic techniques.

Course Length: 5 Day(s)

Prerequisites: CEH certification is recommended

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ECSA/LPT

Course Number: 1037

Course Description: The course explores the analytical phase of ethical hacking. Through it, you will learn about the skills and tools needed to identify and correct security flaws in network infrastructure.

Course Length: 5 Day(s)

Prerequisites: CEH certification is recommended

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Information Security Manager (CISM)

Course Number: 1038

Course Description: Phoenix TS CISM course provides a common body of knowledge for information security management. The focus of this course is on information risk management as the basis of information security. Additionally, material on broader issues is included such as how to govern information security as well as information on practical issues such as developing and managing an information security program and how to respond when incidents arise.

Course Length: 5 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class:1



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Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Information Systems Auditor (CISA)

Course Number: 1039

Course Description: CISA course covers topics such as IS audit process, IT Governance, Systems and infrastructure life-cycle management, IT service delivery and support, protection of information assets, business continuity and disaster recovery.

Course Length: 5 Day(s)

Prerequisites: A minimum of one year of information systems experience OR one year of financial or operational auditing experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Foundations

Course Number: 1040

Course Description: In this 3-day exciting and dynamic course, you will prepare for and take the ITIL® 2011 Certification Exam. Students will get an introduction to the lifecycle of managing IT services to deliver to business expectations. In addition, students will gain the knowledge and practical skills to identify opportunities to develop IT processes using ITIL® 2011, interact with IT teams using ITIL® terminology and concepts, and recognize the importance of IT and business integration.

Course Length: 3 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Lifecycle - Service Strategy (SS)

Course Number: 1041

Course Description: This accredited CSME/APMG training program is designed for students seeking a specialist certification in ITIL's Service Strategy area of practice. Students who are applicable for this program include the following: executives, managers, team leaders, supervisory staff, planners and architects who currently hold a valid 2011 Foundation certificate. This qualification will provide students with a complete overview of Service Strategy subjects including all of its related activities.



These activities include the designing, developing, and implementation of service management not only as an important organizational ability but also as a strategic asset.

Course Length: 3 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Lifecycle - Service Design (SD)

Course Number: 1042

Course Description: This accredited CSME/APMG training program is for individuals seeking to achieve a specialist certification in ITIL's Service Design practice area. Candidates for this program include managers, executives, team leaders, supervisory staff, architects and planners who possess a V3 Foundation certificate

Course Length: 3 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Lifecycle - Service Transition (ST)

Course Number: 1043

Course Description: This accredited CSME/APMG training program is for individuals seeking a specialist certification in ITIL's Service Transition practice area. Potential participants for this program include managers, executives, supervisory staff, team leaders, planners and architects who hold a V3 Foundation certificate.

Course Length: 3 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Lifecycle - Service Operation (SO)

Course Number: 1044



Course Description: This accredited CSME/APMG training program is for individuals seeking a specialist certification in ITIL's Service Operation practice area.

Course Length: 3 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Lifecycle - Continual Service Improvement (CSI)

Course Number: 1045

Course Description: This accredited CSME/APMG training program is for participants searching for specialist certification in ITIL's Continual Service Improvement practice area. Candidates for this program include managers, executives, team leaders, supervisory staff, planners and architects who hold a 2011 Foundation certificate.

Course Length: 3 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Capability - Operational Support & Analysis (OSA)

Course Number: 1046

Course Description: The accredited CSME/APMG training program is for individuals searching for a specialist certification in ITIL's Operational Support & Analysis practice area. Candidates for this program are implementation and operation specialist who possess a Foundation certificate.

Course Length: 5 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Capability - Release, Control & Validation (RCV)

Course Number: 1047



Course Description: This accredited CSME/APMG training program is for students that are seeking a specialist certification in ITIL's Release, Control & Validation areas of practice. Candidates who qualify for this program will include implementation and operation specialists who are required to hold a V3 Foundation certificate.

Course Length: 5 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Capability - Planning Protection & Optimization (PPO)

Course Number: 1048

Course Description: This accredited CSME/APMG program is for students seeking a specialist certification within ITIL's Planning, Protection & Optimization areas of practice. Candidates that qualify for this program include individuals who have interest in becoming implementation and operation specialists and who hold a Foundation certificate from 2011.

Course Length: 5 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Capability - Service Offerings & Agreements (SOA)

Course Number: 1049

Course Description: This accredited CSME/APMG training program is designed for students seeking a specialist certification in ITIL's Service Offerings & Agreements areas of practice. Students who qualify for this program include individuals who are implementation and operation specialists who hold a valid 2011 Foundation certificate.

Course Length: 5 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: ITIL® 2011 Capstone - Managing Across the Lifecycle (MALC)



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Course Number: 1050

Course Description: This accredited CSME/APMG training program is for individuals searching to take the final class to ITIL Expert. Candidates for this course must have already passed the exams to hold the ITIL 2011 Foundation Certificate plus have incurred a further 15 credits from the ITIL Service Lifecycle track, the ITIL Service Capability track or a equaled selection from both ITIL Service Lifecycle and Service Capability qualifications. Documented evidence of this must be presented to enroll to this certification level.

Course Length: 5 Day(s)

Prerequisites: At least one year of IT Management experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Wireless Network Administrator (CWNA)

Course Number: 1051

Course Description: The CWNA certification is the foundation level enterprise Wi-Fi certification for the CWNP Program, and CWNA is required for your CWSP and CWNE certifications. Your CWNA certification will get you started in your wireless career by ensuring you have the skills to successfully survey, install, and administer enterprise Wi-Fi networks.

Course Length: 5 Day(s)

Prerequisites: Familiar with Wireless LAN Hardware and Software

of students/class:1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Wireless Security Professional (CWSP)

Course Number: 1052

Course Description: The Certified Wireless Security Professional certification is the professional level wireless LAN certification for the CWNP Program. The CWSP certification will assist in advancing your career by helping to ensure that you have the skills needed to successfully secure enterprise Wi-Fi networks from hackers. This certification allows you to do all of this regardless of which brand of Wi-Fi gear your organization uses.

Course Length: 4 Day(s) Prerequisites: CWNA Certification

of students/class: 1



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Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Wireless Technology Specialist (CWTS)

Course Number: 1053

Course Description: The CWTS certification will validate the knowledge of enterprise WLAN sales as well as support professionals who need to be familiar and confident with the terminology and basic functionality used within enterprise 802.11 wireless networks.

Course Length: 2 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Wireless Analysis Professional (CWAP)

Course Number: 1055

Course Description: The CWAP certification is a professional level wireless LAN certification for the CWNP Program. The CWAP certification will advance your career by ensuring you have the skills to successfully analyze, troubleshoot, and optimize any enterprise Wi-Fi network, no matter which brand of Wi-Fi gear your organization deploys.

Course Length: 5 Day(s) Prerequisites: CWNA Certification

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Information Systems Security Professional (CISSP)

Course Number: 1070

Course Description: Phoenix TS 5-day CISSP course prepares you to pass the premier security certification, the Certified Information Systems Security Professional (CISSP). This course focuses on ten areas of discipline determined by (ISC)². Professionals who complete this course will have a good working knowledge of the ten domains of knowledge of CISSP.

Course Length: 5 Day(s)

Prerequisites: Having in field of computer Security is recommended

of students/class:1



Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Analytics/Basis Statics/Metric

Course Number: 1100

Course Description: This four-day training course starts with introductory information about data—we define basic concepts such as variables, distribution, probability, and more. From here the course progresses to using standard analytical techniques to give data meaning.

Probability and decision making under uncertainty, statistical inference, regression analysis and time series forecasting, optimization and simulation modeling are all covered using familiar, real-world case studies and data. Our course includes plenty of discussion and problem-solving to make it meaningful for students at all levels of experience. In addition, PTS's course focuses on the simple use of Excel spreadsheets to perform these meaningful techniques. In just four days, this course will take the mystery out of data analysis, and give students the confidence to use data to their advantage.

Course Length: 4 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Advanced Analytics

Course Number: 1101

Course Description: The processing data analysis course focuses on equipping decision makers with the skills needed to effectively analyze data. Upon completion of this course, students will understand the significance of data analysis as it relates to federal financial management. With intermediate Microsoft Excel Skills, students will be able to conduct a break-even analysis and a variance analysis. Students will be able to calculate the internal rate of return and report on Net Present Value (NPV). They will be able to use the queuing theory to assess program performance.

Course Length: 5 Day(s)

Prerequisites: Data Analytics Level 1. Experience analyzing data using Microsoft Excel.

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Data Analytics Level 1

Course Number: 1102

Course Description: This course will introduce students to data analysis, modeling, and spreadsheet usage to make informed decisions. This course is designed for beginners who want foundational knowledge for data analytics, those experienced with statistics, and professionals seeking more advanced methods and skills to further their career.

Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Data Analytics Level 2

Course Number: 1103

Course Description: Through this advanced course, students will learn how to control the entire analytic process by deciphering large amounts of data and effectively communicating the information they derive. This course provides attendees with the core skills necessary to handle any data intensive analytic project and generate clarity, insight and confidence in order to make sound and measurable business decisions. This course will also bridge the gap between team members that can often cause a project to be unsuccessful.

Course Length: 3 Day(s)

Prerequisites: Data Analytics Level 1. Experience analyzing data using Microsoft Excel.

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Data Analytics Bootcamp

Course Number: 1104

Course Description: Data Analysis Bootcamp focuses on using Microsoft Excel functionalities for data analysis and ultimately decision making. This course covers the entire analytical workflow: collecting, cleaning, analyzing, and presenting both big and small data sets. This course will teach students how to properly collect and handle data derived from multiple sources and then translate it into something meaningful within an Excel spreadsheet. This instructor-led course will provide students with the knowledge to summarize data effectively and use advanced problem solving techniques to develop a thorough understanding of the information.



Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Project Management for IT Professionals

Course Number: 1105

Course Description: This course is a guide to the best practices for managing large IT projects. The class starts with basic principles and develops guidelines for dealing with the increasing complexity of hardware and software. It includes coverage of why projects go wrong and the critical people and process issues that must be addressed by IT managers. Other topics covered include crises management, rapid application development, quality management, risk management, and the emerging role of the Internet.

Course Length: 4 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: SharePoint End user (Customized for DISA)

Course Number: 1106

Course Description: SharePoint End User is a one-day course for SharePoint end users, site owners, administrators and developers who need to know how to use SharePoint within the DISA DEPS governance. Through expert lecture and hands-on labs, this course teaches students how to access, navigate, and use SharePoint exactly how they will encounter it in their day-to-day tasks. Students will become familiar with SharePoint libraries, task lists, the search function (both people and content), calendars, and wikis.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: SharePoint Administration (Customized for DISA)



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Course Number: 1107

Course Description: SharePoint Customized is a hands-on course for SharePoint end users, site owners, administrators and developers who need to know how to use SharePoint within the DISA DEPS governance and global navigation. Through expert lecture and hands-on labs, this course teaches students how to maximize their use of SharePoint in their day-to-day tasks. Students will become familiar with SharePoint library versioning, default site content types, information management policies, site collection and web analytics. In addition, this custom course will focus on managing PII, Tier 1 support to end users, and Designer Workflow.

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: PMI Risk Management Professional (PMI-RMP)

Course Number: 2016

Course Description: Through expert lecture and class exercises, this course prepares the student to take on or improve the risk management specialist role on his or her organization's project teams. In addition to preparing the student for the PMI-RMP certification exam, this course teaches basic project management skills and improves the student's expertise in minimizing risk to employers.

Course Length: 3 Days

Prerequisites: Project Management Experience

of students/class:1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Associate in Project Management (CAPM)

Course Number:2017

Course Description: The PMI training is the first step for professionals pursuing a career in project management. The introductory Project Management Institute (PMI) course supplies professionals with the recognized project management best practices to establish entry-level experience. Course topics include:

- Providing subject matter expertise (finance, marketing, customer care, fulfillment, processing)
- Serving as project team sponsors, liaisons, facilitators or coordinators Course Length: 5 Days



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Prerequisites: Project Management Experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: PMI Agile Certified Practitioner

Course Number: 2018

Course Description: The PMI-ACP certification verifies a practitioner's ability to understand and apply Agile principles and practices. The instructor explains the best practices of Agile which is an iterative and incremental software developmental methodology that helps organizations to become more flexible and deliver workable software in a shorter span of time.

Course Length: 3 Days

Prerequisites: Project Management Experience

of students/class:1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Project Management Professional (PMP)

Course Number: 2019

Course Description: The PMP certification solidifies current project management professional's knowledge and skills. This is the most widely recognized and important certification for Project Managers who lead projects for small to enterprise-level businesses and organizations. PMP professionals benefit with more attractive resumes, higher salaries and other advantages.

Course Length: 5 Days

Prerequisites: Project Management Experience

of students/class:1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CCAH - Cloudera Certified Administrator for Apache Hadoop

Course Number: 2020

Course Description: This four-day instructor-led training experience focuses on teaching Hadoop Administrators how to operate and maintain a Hadoop cluster. Students learn about building Hadoop architectures, proper configuration and deployment for clusters, data loading techniques,



Fair Scheduler configuration, implementation for Kerberos- based cluster security, and Hadoop maintenance and troubleshooting.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CCDH - Cloudera Certified Developer for Apache Hadoop

Course Number: 2021

Course Description: This Cloudera training course is available online and in-person. This four- day instructor-led training focuses on the skills, knowledge, and tools for learning the basics of HDFS and MapReduce for Apache Hadoop. Instructors provide insight into how develop programs against the API, debug, optimize, and implement processes for workflow management.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CCSHB - Cloudera Certified Specialist in Apache HBase

Course Number: 2022

Course Description: This Cloudera training course is available online and in-person. This four- day instructor-led training teaches students about the NoSQL database called Apache HBase. This database constructed on Apache Hadoop can store large amounts of data within its extensive table structure while delivering it in real-time. The course examines the skills for using HBase, manipulating HBase tables, and designing schemas for storage and recovery.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cloudera Data Analyst: Pig, Hive and Impala Training

Course Number: 2023

Course Description: This Cloudera training course is available online and in-person. This three- day instructor-led training addresses traditional data analysis techniques, analytics with SQL, and other scripting languages. Students come to understand how to use Apache Pig, Hive, and Cloudera Impala



tools. Attendees can gain a stronger grasp on the best practices for managing, manipulating, and querying large complex data sets in real-time.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cloudera Developer Training for Apache Spark

Course Number: 2024

Course Description: This three-day instructor-led training immerses students in the world of Apache Spark, which supersedes MapReduce. Throughout the course the instructor addresses how to construct unified Big data applications.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Designing and Building Big Data Applications

Course Number: 2025

Course Description: The four-day course examines and exposes students to the Apache Hadoop and relevant tools in the enterprise data hub (EDH) for developing big data applications. This training emphasizes the skills and tools for consuming, processing, organizing and presenting data to end-users.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Introduction to Data Science - Building Recommender Systems

Course Number: 2026

Course Description: This Cloudera training course is available online and in-person. This three-day instructor-led course introduces students to data science's positive influence on the world we live in. The course unearths the fundamental skills required for constructing Big Data info platforms and tools that are applicable across various industries.

Course Length: 3 Days Prerequisites: Computer Knowledge



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of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: OpenShift Enterprise Administration (CL280)

Course Number: 2027

Course Description: This Red Hat course explores the essential skills and tools for experienced Linux System Administrators to install and manage a Platform-as-a-Service (PaaS) cloud platform with OpenShift Enterprise. This course prepares students for the Red Hat Certificate of Expertise in Platform-as-a-Service exam (CL280).

Course Length: 2 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® Enterprise Performance Tuning (RH442)

Course Number: 2031

Course Description: The RH442/RH443 course examines system architecture, including factors on system performance, testing system modifications, utilizing open source benchmarking utilities, and analyzing system and network performance and other methodologies for system optimization.

This training prepares students for the Red Hat Certificate of Expertise in Performance Tuning exam (EX442).

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® Enterprise Virtualization (RH318)

Course Number: 2032

Course Description: This course examines the skills and tools for Linux system administrators who are responsible creating, deploying, managing and migrating Linux and Microsoft Windows virtual machines on Red Hat Enterprise Linux servers or Red Hat Enterprise Virtualization Hypervisor utilizing the Red Hat Virtualization Manager.

The course prepares students for the Red Hat Enterprise Virtualization Administrator (RHCVA) certification exam (EX318).



Course Length: 4 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® JBoss A-MQ Development and Deployment (JB437)

Course Number: 2033

Course Description: This Red Hat course unearths the fundamental concepts associated with Java Message Service (JMS) and Apache ActiveMQ (A-MQ) for Java developers and architects.

Course Length: 2 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® JBoss Application Administration I (JB248)

Course Number: 2034

Course Description: This Red Hat course teaches students the core skills and knowledge required for installing, configuring and managing the Red Hat JBoss Enterprise Application Platform 6.

The course prepares students for the Red Hat Certified JBoss Administration (RHCJA) exam (EX248).

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® JBoss Application Administration II (JB348)

Course Number: 2035

Course Description: This course provides seasoned system administrators with a hands-on learning environment where they can advance their knowledge and skills on provisioning and managing Red Hat JBoss Enterprise Application Platform 6.

Course Length: 4 Days

Prerequisites: Computer Knowledge

of students/class: 1



Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® OpenStack Administration (CL210)

Course Number: 2038

Course Description: This Red Hat course dives into the skills and knowledge required for installing, configuring and maintaining the Red Hat Enterprise Linux OpenStack Platform for private cloud infrastructures. The training also addresses the continual development and future of the OpenStack Platform for cloud computing technologies.

This course prepares students for Red Hat Certified Administrator in Red Hat OpenStack exam (EX210).

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® Server Hardening (RH413)

Course Number: 2039

Course Description: The Red Hat Server Hardening course supplies methods and approaches for security policy and configuration requirements and options for user authentication, applying updates, system auditing and logging, file system integrity and other factors.

The training prepares students for the Red Hat Certificate of Expertise in Server Hardening exam (EX413).

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® System Administration I (RH124)

Course Number: 2040

Course Description: This five-day instructor-led training experience is geared towards IT professionals without previous Linux administration experience to introduce and prepare them for working with Red Hat Enterprise Linux 7 (RHEL7).



The course zones in on fundamental and “survival skills” essentials for professionals to perform Linux Sysadmin tasks and responsibilities. This training is the first of two courses that prepares students for the Red Hat Certified System Administrator (RHCSA) certification exam (EX200).

Course Length: 5 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® System Administration II (RH134)

Course Number: 2041

Course Description: This course builds off the material learned in the Red Hat System Administration I

(RH124) course and prepares students for the Red Hat Certified System Administrator (RHCSA) certification exam (EX200).

The training dives into Linux administration further by covering topics such as file systems and partitioning, SELinux, firewalls, troubleshooting, and logical volumes.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Red Hat® System Administration III (RH254)

Course Number: 2042

Course Description: This course is geared towards Linux administrators with established experience who are interested in building upon their fundamental skills. Students who already achieved their RHCSA certification will gain further preparation for the Red Hat Certified Engineer (RHCE) certification exam (EX300). If individuals do not have their RHCSA certification, they may want to invest in the RHCSA Rapid Track course (RH199) to refresh and validate their skills necessary for earning the RHCE.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: RHCE Rapid Track (RH299)



Course Number: 2043

Course Description: This Rapid Track course combines the RHCSA Rapid Track Course (RH199) and Red Hat System Administration III (RH254) into one four day training experience.

The accelerated track expands on fundamental command line based Linux Administration in Red Hat Enterprise Linux 7 (RHEL) environments. The course prepares students to earn their RHCSA and RHCE certifications

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: RHCSA Rapid Track (RH199)

Course Number: 2044

Course Description: The RHCSA Rapid Track course (RH199) combines the Red Hat System Administration I (RH124) and II (RH134) into one training accelerated training by addressing Linux system administration skills applicable to a Red Hat Enterprise Linux 7 environment.

Students have the option to purchase the RHCSA Rapid Track course (RH200) with the RHCSA exam (EX200).

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Advanced Python 3 Programming

Course Number: 2045

Course Description: This is two-day advanced training addresses the programming language's more complicated features. The topics discussed include high level data structures, constructing GUIs, network and CGI programming. Programmers within roles dedicated to constructing application frameworks, distributed computing and software integration with Python benefit from this instruction.

Course Length: 2 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Introduction to Python 3

Course Number: 2046

Course Description: This is a three-day introductory level course to the Python programming language. This course provides students with the fundamental skills they need to construct non trivial Python programs concerning a wide array of subject matter domains.

The training includes hands-on labs in either Linux or Windows to increase the overall value of the instruction. The main topics are:

- Language components
- Control flow constructs
- IDLE environment
- Strings
- Classes
- Collections
- I/O
- Modules
- Regular expressions Course Length: 3 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: FITSP - Designer Certification

Course Number: 2047

Course Description: The course can prepare professionals with the skills and knowledge to adapt with the constantly moving IT security threat landscape prevalent today. This five-day instructor-led FITSP Designer certification training is geared towards federal employees and contractors who can have the ability to understand, design and construct management, operational and technical IT security controls for U.S. Government controlled systems.

Course Length: 5 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: FITSP Auditor Certification

Course Number: 2048

Course Description: The roles discussed in the course focus on high-level, cost-effective and risk-based IT security auditing to properly prep professionals for ever-changing security concerns.

This five-day instructor-led FITSP Auditor certification training prepares the federal workforce, such as federal employees and contractors, to successfully and effectively audit operational, technical and management IT security controls.

Course Length: 5 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: FITSP Manager Certification

Course Number: 2049

Course Description: The management role handles high-level, cost-effective, and risk-based IT security controls within these systems. Candidates learn to apply the auditing skills as they manage and oversee the security and assurance of systems. This instructor-led FITSP Manager certification training is designed for federal employees and contractors who manage and evaluate information systems within or controlled by the United States Federal Government.

Course Length: 5 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: FITSP Operator Certification

Course Number: 2050

Course Description: This five-day instructor-led FITSP Operator certification training is designed for federal employees and contractors who implement and operate systems controlled by the United States Federal Government.



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Course Length: 5 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cyber Warfare for Management

Course Number: 2051

Course Description: This PTS training course is available online and in-person. The four-day instructor-led training experience provides students with the important skills and information for overcoming conflicts in a cyber-war. The course addresses the strategic, operational, and tactical aspects of the conflicts and then apply this knowledge for creating efficient procedures and technical defenses. Risk management and security professionals can certainly find this training beneficial as they are tasked with resource allocation, driving security projects and policies for organizations.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cyber Warfare for Practitioners

Course Number: 2052

Course Description: This PTS training course is available online and in-person. The four-day instructor-led training experience supplies attendees with the tools and skills necessary for handling cyber-attacks and conflicts in a cyber-war. The instructor addresses the techniques and approaches for defending against espionage, hacktivism, insider threats, and non-state actors such as organized criminals and terrorists.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Network Security Administration for Practitioners

Course Number: 2053

Course Description: The Network Security Administration for Practitioners training meets the demands of IT professionals seeking effective skill building real world applications.



Students who complete the course can develop the skills and knowledge for handling installation, management, and troubleshooting network problems and platforms. Topics covered include:

- Network protocols
- Analyzing protocols
- Hardening physical security
- Organizational security standards
- Security policies
- IEEE standards
- Network security threats
- IPS and IDS Course Length: 3 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Network Defense: Security and Vulnerability Assessment

Course Number: 2054

Course Description: This course on Network Defense prepares students for the proactive vulnerability assessment necessary for organizational security. Students learn about methods for assessing systems for weaknesses to combat potential new vulnerabilities in operating systems, software, hardware, and human elements. The training is designed to provide fundamental knowledge for understanding network security posture and best practices for vulnerability assessment.

Course Length: 4 Days

Prerequisites: Networking experience

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Configuring CISCO Routers for Network Security

Course Number: 2055

Course Description: This training goes into the knowledge for securing Cisco networks and routers. Students learn about developing security infrastructures, identifying network threats and



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vulnerabilities, and mitigating security risks. The material concentrates Cisco IOS routers for network protection with a perimeter router, firewall, intrusion prevention system, and site- to-site VPN device. Other course topics include using Cisco Catalyst for network security, Cisco ACS, and Cisco ASA.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Securing the Virtual Environment

Course Number: 2056

Course Description: This four-day instructor-led training experience covers and examines the difference in a virtual model versus traditional computing models and the appropriate technology and procedures to defend it from attack. This course also covers information security in virtual environments: building a virtual attack lab, finding leaks, getting a side- channel, and denying or compromising services.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Securing SharePoint

Course Number: 2057

Course Description: This training focuses on the implementation and management of all security features for Microsoft SharePoint 2013. The course dives into SharePoint administration and other topics such as SharePoint Server deployment, protecting SharePoint with advanced security solutions, implementing and testing SharePoint security, configuring email- enabled content, site mailboxes, Exchange server integration, and protecting confidential data.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Security in an IPv6 Environment

Course Number: 2058



Course Description: This IPv6 training course is available both online and in-person. The four-day instructor-led course examines the types of vulnerabilities, considerations, mechanisms, and survey approaches for ensuring reliable and controlled IPv6 migration. Course topics include features, security issues, and potential exploitation of the IPv6 protocol.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cyber Security: Threat Analysis and Response Solutions

Course Number: 2059

Course Description: This four-day instructor-led training experience covers the following topics in depth, threat identification, insider threat prevention, detection and mitigation, assessment of security assurance, information terrorism, information security management standards, public policy drivers, the role of information security professionals and much more.

This course takes a holistic approach to cyber security and information assurance by treating both the technical as well as managerial sides of the field.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Incident Response

Course Number: 2060

Course Description: This four-day instructor-led training experience covers network intrusion detection completely by covering topics such as, detect evaluation, analysis, situation handling, theories involved in understanding hackers, intelligence gathering, coordinated attacks and preventive and aggressive security measures. This is an ideal course for the serious analyst, this course will put students in full control of their network's security.

Course Length: 4 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site



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Course Name: Network Intrusion Detection

Course Number: 2061

Course Description: Through lecture and hands-on exercises, the Network Intrusion Detection course covers the topic completely. Lessons address detection evaluation, analysis and situation handling. Theories involved in understanding hackers, intelligence gathering and coordinated attacks are also discussed. Finally, students look into an arsenal of preventative and aggressive security measures.

This training is most ideal for security analysts, as this course will put students in full control of their network's security.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Practical Packet Analysis

Course Number: 2062

Course Description: This 4-Day long, instructor lead course covers basic packet analysis fundamentals, along with an introduction to Wireshark and how using different aspects of Wireshark can help secure your network on the packet level.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Mobile Security

Course Number: 2063

Course Description: This Mobile Security course is a 3-Day long training experience that will teach students the basics of mobile security on Android, iPhone, Blackberry and more.

Through case studies, code examples, and best practices, this course details how to protect against vulnerabilities in the latest smartphone and PDA platforms. Upon completion of this course, students will be able to implement a systematic approach to security in mobile devices.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1



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Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Securing Microsoft Windows 7

Course Number: 2064

Course Description: This training provides students with an overview of daily duties for administrator who are responsible for upgrading and implementing security in Microsoft Windows 7. The course includes lecture and exercises in:

- Installation and deployment
- Windows 7 environment management
- Desktop features
- Technical help for troubleshooting and networking Course Length: 4 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: PowerShell in Depth

Course Number: 2065

Course Description: This course addresses key shell techniques, technology, and tactics for administrators who use PowerShell. The instructor covers various subjects, including:

- Task automation
- HTML and XML data management
- Background jobs and scheduling
- PowerShell security
- Packaging and deploying scripts
- Scripting conventions
- .NET frameworks in PowerShell scripts Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agree to between ordering agency and Phoenix TS Location: Client site or Phoenix TS provided site

Course Name: SCADA - Supervisory Control and Data Acquisition Security

Course Number: 2066

Course Description: The U.S. process control networks such as SCADA and DCS that control critical infrastructures are constantly under attack. This course dives into the critical knowledge and skills for IT security professionals to effectively protect SCADA systems from cyber-attacks.

Course Length: 5 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Securing Web Applications, Services, and Servers

Course Number: 2067

Course Description: This comprehensive course delves into the world of web security and privacy. It offers in-depth coverage of security theory, technology, and practice as they relate to established web technologies as well as recent advances. Through lecture and interactive exercises, the course explores practical solutions to many security issues.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Penetration Testing: Procedures & Methodologies

Course Number: 2068

Course Description: This course is designed to expose students to groundbreaking methodologies in conducting thorough information security analysis, as well as advanced penetration testing techniques. Through expert lecture and interactive exercises, students will be able to perform the intensive assessments required to effectively identify and mitigate risks to the security of the organization's infrastructure.

This course covers the following penetration testing topics in depth: methodologies, legal aspects, planning and scheduling, external and internal penetration testing, firewall and ids penetration testing as well as penetration testing of laptops, PDA's, cellphones, e-mail, and security patches.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cyber Threat Counter-Exploitation

Course Number: 2069

Course Description: An expert instructor will use tested security techniques and real-world case studies to teach students how to expose, pursue, and prosecute the perpetrators of advanced persistent threats (APTs). Upon completion of this course students will know how to assess a network's vulnerabilities, zero in on targets, and effectively block intruders. Students will discover how to set up digital traps, misdirect and divert attackers, configure honeypots, mitigate encrypted crimeware, and identify malicious software groups. The course also provides full coverage of legal and ethical issues, operational vetting, and security team management.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Python Security for Practitioners

Course Number: 2070

Course Description: This course teaches students how to move from a theoretical understanding of offensive computing concepts to a practical implementation. Instead of relying on another attacker's tools, this course will teach students to create their own security defense using the Python programming language. This course

demonstrates how to write code to intercept and analyze network traffic using Python, craft and spoof wireless frames to attack wireless and Bluetooth devices, and how-to data-mine popular social media websites and evade modern anti-virus.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Defending against Social Engineering Attacks

Course Number: 2071

Course Description: This PTS training course is available online and in-person. The four-day instructor-led training experience explores various aspects of social engineering including elicitation,

pretexting, influence, and manipulation. The instructor applies real world examples to illustrate the effectiveness of social engineering and defending against those attacks.

Course Length: 3 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Network Forensics

Course Number: 2072

Course Description: This course teaches students how to recognize a hacker's tracks and uncover network-based evidence. The hands-on exercises include:

- Carving suspicious email attachments from packet captures Using flow records to track intruders
- Analyzing real-world wireless encryption-cracking attacks Reconstructing a suspect's web surfing history Uncovering NDS-tunneled traffic
- Dissecting the Operation Aurora exploit Course Length: 3 Days

Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Securing VoIP Networks

Course Number: 2073

Course Description: This PTS training course is available online and in-person. The three-day instructor-led course focuses on the skills, tools, and knowledge essential for evaluating vulnerabilities and risk while implementing security solutions in a VoIP work environment. Course topics include security threats such as eavesdropping, unauthorized access, denial of service, masquerading, fraud, and vulnerabilities in protocol design, network architecture, software, and system configuration.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site



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Course Name: Wireless Safety

Course Number: 2074

Course Description: This PTS training course is available online and in-person. The four-day instructor-led training experience dives into the skills and tools to secure wireless networks on the enterprise-level. The course exposes the students to diverse technologies and real-world applications such as WAP, wireless signal propagation, IEEE and ETSI wireless standards, WLANs, wireless protocols, devices, and communication languages.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Malware Analysis Training

Course Number: 2075

Course Description: This course serves as a guide for instructing students on how to analyze malware once discovered within a Windows operating system. Since malicious software plays a role in almost every security incident or computer intrusion, the knowledge and skills attained through this class prove beneficial to individuals seeking to advance within the malware analyst profession.

While this training focuses on Windows operating systems, the skills learned easily transfer to other operating systems.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Introduction to Cyber Security for Practitioners

Course Number: 2076

Course Description: This PTS training course is available online and in-person. The three-day instructor-led training experience provides foundational knowledge and skills on networking basics, cybercrime and security concepts, security procedures and threats that apply to the workplace. The course also addresses security vulnerabilities for wireless network access points, business transactions, and the use of mobile devices.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1



Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Cloud Security Training

Course Number: 2077

Course Description: This Cloud and Virtualization training course is available online and in- person. This four-day instructor-led training highlights the security and policy requirements for cloud computing as well as the necessary skills for implementing cloud networks. With the growing popularity and migration to cloud computing environments, the demand for knowledgeable and experienced cloud IT professionals increases constantly.

Course Length: 4 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Virtualization Essentials Professional

Course Number: 2078

Course Description: This Cloud and Virtualization training course is available online and in- person. This three-day instructor-led training experience establishes fundamental virtualization knowledge for IT professionals. The instructor addresses technical terminology and concepts, how virtualization applies to business and technical operations, and other essential topics for modern successful integration of relevant technologies.

Course Length: 3 Days Prerequisites: Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Core Solutions of Microsoft Exchange Server 2013

Course Number: 2034

Course Description: This course teaches participants to plan, deploy, secure, and manage a Microsoft Exchange Server 2013 messaging environment. Students will learn to monitor, maintain, and troubleshoot Exchange 2013.

Course Length: 5 Day(s)

Prerequisites: At least three years of experience working in the IT field

of students/class: 1



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Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Introduction to Project Management

Course Number: 3000

Course Description: This course is designed for anybody interested in project management. Every competent project manager needs to know the various phases and project management software and tools available do the job properly. IT project management is process oriented, and tools such as the Gantt Chart help track project progress Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site.

Course Name: Multi-Protocol Label Switching

Course Number: 3002

Course Description: Cisco IOS Multiprotocol Label Switching (MPLS) enables Enterprises and Service Providers to build next-generation intelligent networks that deliver a wide variety of advanced, value-added services over a single infrastructure. This economical solution can be integrated seamlessly over any existing infrastructure, such as IP, Frame Relay, ATM, or Ethernet. Subscribers with differing access links can be aggregated on an MPLS edge without changing their current environments, as MPLS is independent of access technologies.

Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: TCP/IP Networking

Course Number: 3003

Course Description: This course provides students a deep understanding of IP routing protocols, teaches how to implement these protocols using Cisco routers, and brings readers up to date protocol and implementation enhancements. This course contains protocol changes and Cisco features that enhance routing integrity, secure routers from attacks initiated through routing protocols, and provide greater control over the propagation of routing information for all the IP interior routing protocols.



Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Voice and Video Over IP (VoIP)

Course Number: 3004

Course Description: As audio and video conferencing move rapidly into the mainstream, customers and end users are demanding unprecedented performance, reliability, scalability, and security. In this course, three leading experts systematically introduce the principles, technologies, and protocols underlying today's state-of-the-art conferencing systems.

Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Authorization Professional (CAP®)

Course Number: 3012

Course Description: The CAP® (Certified Authorization Professional) certification from (ISC)2® is a very objective measure of the skills, abilities and knowledge required for all persons involved in the overall process of maintaining and authorizing information systems. This credential specifically applies to those who are responsible for formalizing processes that are used to establish security requirements and documentation as well as to assess risk. The decisions made by these individuals will help to ensure that information systems possess proper security commensurate with the correct level of exposure to any potential risks, as well as damage to individuals or assets. Security authorization includes a risk management approach that is tiered in such a way as to evaluate both the strategic and tactical risk across an enterprise. Incorporated in the authorization process is the application of an RMF, or Risk Management Framework, a general review of the organizational structure, and the business mission/process as the basis for the assessment and implementation of specified security controls. This particular authorization management process helps to identify security controls and vulnerabilities as well as determines residual risks. These residual risks are then evaluated and deemed to be either acceptable or unacceptable. To reduce unacceptable risk, more controls must be implemented. This type of system may only be deployed when the residual risks are deemed acceptable to the enterprise as a whole and the associated security plan is satisfactory and complete.



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Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Client-Server Technology Overview

Course Number: 3013

Course Description: Client/server describes the relationship between two computer programs in which one program, the client, makes a service request from another program, the server, which fulfills the request. This flexible new course offers hands-on coverage of client/server architecture and client/server applications.

Course Length: 3 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA Advanced Security Practitioner (CASP) Certification

Course Number: 10341

Course Description: This CompTIA training is available both online and in-person. The five-day instructor-led course provides stresses the importance of critical thinking and judgment across a wide array of security disciplines to propose and implement the best enterprise solutions. The course prepares individuals for the CASP certification exam.

Course Length: 5 Days Prerequisites: Security+

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA Cloud+ Certification

Course Number: 10342

Course Description: This CompTIA training is available both online and in-person. The five-day instructor-led course provides you with a complete Cloud certification exam preparation and real-world skill building opportunities through hands-on exercises and lectures. This certification verifies



an IT professional's knowledge and skills in securely implementing and managing cloud infrastructures.

Course Length: 5 Days Prerequisites: A+

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: CompTIA Cloud Essentials

Course Number: 10348

Course Description: The CompTIA Cloud Essentials training is available online and in-person. The two-day instructor- led course focuses on the implementation and management of cloud environments. Once achieved the certification demonstrates an individual's knowledge and skills from a business and technical perspective.

Course Length: 2 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified Incident Handler (ECIH)

Course Number: 10371

Course Description: The ECIH training course is available in both an online and in-person format. This 2-day training course is designed to provide the fundamental skills needed to handle and respond to computer security incidents. In addition, students will be lead through all the ECIH exam objectives so that they are properly prepared to handle the ECIH certification exam.

Course Length: 2 Days

Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Disaster Recovery Professional (EDRP)

Course Number: 10372

Course Description: Candidates for the EDRP training course can elect to take this course either in-person or through our live virtual classroom. The 5-day EDRP training experience provides students with the tools and techniques needed to effectively identify vulnerabilities and responds



appropriately to prevent and mitigate an organization's risk. Networking professionals will also walk away with a strong foundation of disaster recovery principles and will be able to craft an effective plan for recovery and business continuity in the event that their organization faces a natural or man-made disaster.

Course Length: 5 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Certified in Risk and Information Systems Control (CRISC)

Course Number: 10391

Course Description: The CRISC training course is available in both an online and in-person format. This 3-day training course is designed to provide the necessary knowledge and skills to properly understand, mitigate and manage risk within an organization. In addition, students will be led through all the exam objectives so that they are properly prepared to handle the CRISC certification exam at the end of the 3-day course.

Course Length: 3 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Risk Management Framework (RMF)

Course Number: 10711

Course Description: Risk Management Framework (RMF) is the unified information security framework for the entire federal government that is replacing the legacy Certification and Accreditation (C&A) processes within federal government departments and agencies, the Department of Defense (DOD) and the Intelligence Community (IC). DoD officially began its transition from the legacy DIACAP process to the new "RMF for DoD IT" process.

Course Length: 4 Days Prerequisites: No prerequisites

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 10967: Fundamentals of a Windows Server Infrastructure

Course Number: 10967 Prerequisites: Basic Computer Skills



Course Description: In this course students learn about varied aspects of Windows Server infrastructure administration, maintenance, and security. They come to understand how to installation and configuration, server roles, Active Directory Domain Services (AD DS), server profiles, network protocols, server infrastructure, and other components pertaining to Windows Server.

Course Length: 5 Days

Course Name: 10969 Active Directory Services with Windows Server

Course Number: 10969

Course Description: This five-day instructor-led experience highlights how to administer Active Directory services and technologies in Windows Server 2012 and Windows Server 2012 R2. This course touches on a wide range of topics including the use of Active Directory Domain Services (AD DS), Dynamic Access Control (DAC), Group Policy, Work Place Join, Work Folders, Certificate Services, Federation Services, and Rights Management Services (RMS). The instructor also explores the possibility of integration with Cloud services such as Windows Azure Active Directory.

Course Length: 5 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 10970: Networking with Windows Server

Course Number: 10970

Course Description: This Microsoft course addresses the skills and knowledge for implementing Windows Server 2012 and related Microsoft technologies. The course also dives into additional tasks such as configuration for IP addressing, DNS, DHCP, IPAM, DirectAccess, VPNs, and other tools.

Course Length: 5 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 10972: Administering the Web Server (IIS) Role of Windows Server (R2 Update)

Course Number: 10972

Course Description: This Microsoft course covers the skills and knowledge for configuring, managing and maintaining Internet Information Services (IIS) as well as supporting Internet web applications and security for IIS.



Course Length: 5 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 10977: Updating Your SQL Server Skills to Microsoft SQL Server 2014

Course Number: 10977

Course Description: This Microsoft course addresses the skills and knowledge for database and business intelligence professionals to enhance their understanding of the new SQL Server 2014 and related Microsoft technologies necessary for implementing and managing enterprise environments.

Course Length: 5 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office Word Level 1

Course Number: 50126

Course Description: This one-day instructor-led course provides students with an overview of the features and functions of Microsoft Office Word.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office Word Level 2

Course Number: 50127

Course Description: This one-day instructor-led course provides students with an overview of the features and functions of Microsoft Office Word.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office Word Level 3

Course Number: 50128

Course Description: This one-day instructor-led course provides students with an overview of the more advanced features and functions of Microsoft Office Word.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office PowerPoint Level 1

Course Number: 50129

Course Description: This one-day instructor-led course provides students with an overview of the features and functions of Microsoft Office PowerPoint.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office PowerPoint Level 2

Course Number: 50130

Course Description: This one-day instructor-led course provides students with experience at creating more elaborate presentations in Microsoft Office PowerPoint.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office Outlook Level 1

Course Number: 50132

Course Description: This one-day instructor-led course provides students with an overview of the features and functions of Microsoft Office Outlook.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office Outlook Level 2

Course Number: 50133

Course Description: This one-day instructor-led course provides students with more advanced skills for managing e-mail, schedules, and contacts.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office Access Level 1

Course Number: 50135

Course Description: This one-day instructor-led course provides students with an overview of the features and functions of Microsoft Office Access.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site



Course Name: Microsoft Office Access Level 2

Course Number: 50136

Course Description: This one-day instructor-led course provides students with an overview of the more complex features and functions of Microsoft Office Access.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Office Access Level 3

Course Number: 50137

Course Description: This one-day instructor-led course provides students with an overview of the more advanced features and functions of Microsoft Office Access.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 50273: Planning and Designing Microsoft Virtualization Solutions

Course Number: 50273

Course Description: This Microsoft course teaches the skills and knowledge for designing and implementing data center and desktop architectures in enterprise environments with Microsoft technologies and tools such as Windows Server 2008 R2, Hyper-V, Hyper-V Server 2008 R, Remote Desktop Services, Microsoft Enterprise Desktop Virtualization (MED-V), System Center, and Application Virtualization 4.6 (APP-V).

Course Length: 5 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Excel Level 1

Course Number: 50422

Course Description: Microsoft Excel Level 1 is part of a 3-Level study program for Microsoft Excel. The course provides the learner with the skills and knowledge necessary to create workbooks in Microsoft Excel. It covers creating a new workbook, adding data, editing data, working with formulas, printing and charting.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Excel Level 2

Course Number: 50434

Course Description: Microsoft Excel Level 2 is the second of a 3-Level study program for Microsoft Excel. This level extends the learner's basic knowledge of Excel and provides the learner with skills and knowledge to produce more effective and productive workbooks. It covers formulas and function techniques, more intricate formatting, setting complex printing options, using intricate charting features, and working more effectively with existing worksheets and workbooks.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Microsoft Excel Level 3

Course Number: 50438

Course Description: Microsoft Excel Level 3 focuses on the more advanced features of Excel. Advanced analysis tools, especially pivot tables, Solver, outlining and summarizing are covered, as are some key automation features such as Macros.

Course Length: 1 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1



Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Understanding and Querying Relational Data for Information Workers Using Microsoft SQL

Course Number: 50464

Course Description: This course teaches students the knowledge and skills to query data using Microsoft SQL Server. The course introduces the concepts of relational databases and how to retrieve, modify, and use SQL Server data.

Course Length: 2 Day(s)

Prerequisites: Basic Knowledge of Windows Operating Systems

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: Course 50557: Microsoft Jump Start: Office 365 for IT Professionals

Course Number: 50557

Course Description: Microsoft Office 365 for IT Professionals is specially tailored for technologists looking for real- world proof of how cloud-based Office 365 enables organizations to solve more problems from more places. Microsoft Office 365 brings together cloud versions of our most trusted email, communication and collaboration software –

Exchange Online, SharePoint Online and Lync Online – with the Office Professional Plus desktop suite

Course Length: 5 Day(s)

Prerequisites: Basic Computer Knowledge

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 55034: Project Server 2013 Inside Out

Course Number: 55034

Course Description: This Microsoft course dives into the skills and knowledge necessary for IT and project management professionals who work with Microsoft Project Server 2013 and Project Web App to develop and configure business intelligence (BI) solutions for projects management.

Course Length: 5 Days Prerequisites: Basic Computer Skills



of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 55035: Microsoft SharePoint Server 2013 for the Site Owner/Power User

Course Number: 55035

Course Description: This Microsoft course is offered online and in-person. This two-day instructor-led training experience benefits average and power users who act as site owners and collection administrators for SharePoint and work in a collaborative environment.

Course Length: 3 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 55054: Mastering Microsoft Project 2013

Course Number: 55054

Course Description: This three-day course explores the knowledge and skills for utilizing Microsoft Project 2013 to apply to project management tasks for project management professionals. Course topics vary from resource allocation, to schedule management, to managing multiple projects.

Course Length: 3 Days Prerequisites: Basic Computer Skills

of students/class: 1

Class Schedules: As agreed to between ordering agency and Phoenix TS Class Location: Client site or Phoenix TS provided site

Course Name: 55077: Project Server 2013 Development

Course Number: 55077

Course Description: This five-day course teaches professionals the skills for developing applications with the API's on Microsoft Project Server 2013. Course topics focus on how students can use the Project Server Interface (PSI), .NET Client Side Object Model, JavaScript Object Model, Rest, the App Model, and other tools.

Course Length: 5 Days Prerequisites: Basic Computer Skills

of students/class: 1

| Course # | Courses | Course Length (days) | Course Description | Min # of students | Max # of students |
|----------|---|----------------------|---|-------------------|-------------------|
| 2019-1 | AWS Solutions Architect -- Associate | 4 | The four-day instructor-led course is intended for newcomer | 5 | 25 |
| 2019-2 | AWS Developer -- Associate | 4 | This four-day instructor-led AWS certification course is intended for | 5 | 25 |
| 2019-3 | AWS Certified SysOps Administrator - Associate | 4 | This four-day instructor-led AWS certification course is intended for IT professionals looking to develop and | 5 | 25 |
| 2019-4 | AWS Solutions Architect -- Professional | 5 | This five-day instructor-led AWS certification course is intended for IT professionals with AWS | 5 | 25 |
| 2019-5 | AWS DevOps Engineer -- Professional | 5 | This five-day instructor-led course is an advanced course on AWS covering | 5 | 25 |
| 2019-6 | Network Security Monitoring with Security Onion | 4 | The aim of this four-day course is to help you | 5 | 25 |
| 2019-7 | ITIL Practitioner | 2 | The ITIL Practitioner certification training | 5 | 25 |



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|----------------|--|---|--|---|----|
| 2019-8 | CompTIA CYSA+ | 5 | CySA+ is a five-day instructor-led course designed to equip | 5 | 25 |
| 2019-9 | CompTIA PenTest+ | 5 | This five-day instructor-led course is intended for cybersecurity professionals at an intermediate skills level. The | 5 | 25 |
| 2019-10 | Microsoft Project Level 1 | 1 | Microsoft Project Level 1 addresses the features of Microsoft's Project application, which is specifically designed to address | 5 | 25 |
| 2019-11 | Microsoft project Level 2 | 1 | Microsoft Project Level 2 addresses the features of Microsoft's Project application, which is specifically designed to address | 5 | 25 |
| 2019-12 | Cyber Threats Detection and Mitigation | 3 | This three-day instructor-led course examines the fundamentals of system forensics: what forensics is, the role of | 5 | 25 |



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|----------------|--|---|--|---|----|
| 2019-13 | Cybersecurity Foundations | 3 | This three-day, instructor-led course covers web attacks, hacking, spyware, network defense, security appliances, VPNs, | 5 | 25 |
| 2019-14 | Defending the Critical Infrastructure from Cyber Attacks | 5 | This five-day instructor-led course teaches students to understand their control system's vulnerabilities and as well as the | 5 | 25 |
| 2019-15 | EC Council Certified Secure Programmers (ECSP) | 5 | Prevalent software bugs, flaws and defects require more aware and attentive software programmers who understand and | 5 | 25 |
| 2019-16 | Certified Network Defender (CND) | 5 | This five-day CND - Certified Network Defender Certification course covers how to protect, detect and respond to the network | 5 | 25 |



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|----------------|--|---|--|---|----|
| 2019-17 | Certified Cloud Security Professional (CCSP) | 5 | This five-day instructor-led training highlights the security and policy requirements for cloud computing as well as | 5 | 25 |
| 2019-18 | Certification - Certified Secure Software Lifecycle Professional (CSSLP) | 5 | CSSLP certification training is a five-day course for software pros that teaches how to incorporate the appropriate security | 5 | 25 |
| 2019-19 | Systems Security Certified Practitioner (SSCP) | 3 | In this three-day SSCP course prepares candidates for certification that ensures they have the skills to be successful | 5 | 25 |
| 2019-20 | eMASS Direct User | 5 | In this five-day hands-on course, students learn to navigate eMASS to support the creation, assessment, and authorization | 5 | 25 |



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|----------------|------------------------|---|--|---|----|
| 2019-21 | eMASS Workshop | 3 | Students in our three-day workshop will learn to navigate eMASS to support the creation, assessment, and authorization | 5 | 25 |
| 2019-22 | eMASS Manager Overview | 1 | In this one-day overview course, our qualified instructors show cybersecurity leaders how to get the most out of | 5 | 25 |
| 2019-23 | My SQL Workbench | 3 | This four-day course will provide the basic concepts of Security Onion and its use as a Network Security Monitoring (NSM) suite. | 5 | 25 |
| 2019-24 | Intro to C Programming | 5 | This course is designed to give students a good working knowledge of the C Programming language. Students will learn | 5 | 25 |



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|---------|---|---|---|---|----|
| 2019-25 | Intermediate C Programming | 5 | The C Programming Language was originally created to write the UNIX operating system. It quickly turned into a | 5 | 25 |
| 2019-26 | Basic Network Analysis 101 | 5 | This course will teach the student the first level of basic network analysis, the course will solidify the foundation | 5 | 25 |
| 2019-27 | Basic Network Analysis 102 | 5 | This course is a follow up to the Basic Network Analysis 101 course and will build on the skills that the students | 5 | 25 |
| 2019-28 | Fundamentals of Communications and Networking | 4 | Fundamentals of Communication and Networks is a four-day course that demonstrates how today's networks are | 5 | 25 |



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|----------------|---|---|---|---|----|
| 2019-29 | Endpoint Security and Network Access Control | 3 | The Endpoint Security & Network Access Control course is a three-day course that will teach students how to install and | 5 | 25 |
| 2019-30 | Elk Stack | 3 | The ELK Stack course is a three-day course that will introduce students to Elasticsearch, Logstash, and Kibana. | 5 | 25 |
| 2019-31 | Introduction to IPv6 | 3 | This IPv6 training course is geared towards helping students understand the detailed process for transitioning from | 5 | 25 |
| 2019-32 | MCSA: Windows 10 - 20698: Installing and Configuring Windows 10 | 5 | This 10-day instructor-led Microsoft boot camp provides IT professionals with the knowledge and skills | 5 | 25 |



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|----------------|--|---|---|---|----|
| 2019-33 | MCSE 10961: Automating Administration with Windows Powershell | 5 | The MCSE 10961 course is a five-day class that will teach students how to use Windows PowerShell in order to remotely | 5 | 25 |
| 2019-34 | 20742: Identity with Windows Server 2016 | 5 | This five-day Microsoft course teaches IT professionals how to deploy and configure Active Directory Domain Services | 5 | 25 |
| 2019-35 | 20740: Installation, Storage, and Computing with Windows Server 2016 | 5 | This five-day Microsoft course is for IT professionals who manage the storage of and compute using Windows | 5 | 25 |
| 2019-36 | Wireless and Mobile Device Security | 4 | The Wireless and Mobile Devices course is a 4-day course that will teach students about security measures | 5 | 25 |



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|----------------|-------------------------------------|---|---|---|----|
| 2019-37 | C++ - Programming Language | 5 | This course will teach students to design and write programs in the C++ language, emphasizing object-oriented approaches to | 5 | 25 |
| 2019-38 | C# (C Sharp) – Programming Language | 5 | This course is intended for developers who wish to learn C# as a programming language. In this course, | 5 | 25 |
| 2019-39 | Java - Programming Language | 5 | This course emphasizes becoming productive quickly as a Java™ application developer. This course quickly | 5 | 25 |
| 2019-40 | Advanced JavaScript | 3 | This course explores advanced Java Standard Edition language features and packages. Students will learn to parse | 5 | 25 |



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|----------------|--------------------------------------|---|--|---|----|
| 2019-41 | Perl –Programming Language | 5 | This course teaches students the foundations of using Perl effectively in many applications environments. In | 5 | 25 |
| 2019-42 | Ruby – Programming Language | 3 | This course introduces students to the Ruby programming language which is the basics of the Ruby on Rails web | 5 | 25 |
| 2019-43 | Advanced Ruby – Programming Language | 4 | This course is for programmers who want to deepen their knowledge of Ruby. It explores sophisticated topics like | 5 | 25 |
| 2019-44 | Hadoop for Java Developers | 3 | This teaches students to build and maintain reliable, scalable, distributed systems with Apache Hadoop. Programm | 5 | 25 |



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|----------------|-----------------------|---|---|---|----|
| 2019-45 | HTML5 | 3 | This course teaches students about the HTML5 structural, semantic and form tags. They will learn how to use Canvas to | 5 | 25 |
| 2019-46 | AngularJS – Framework | 4 | This course teaches students how to use AngularJS from the basics to advanced concepts. Students will learn how to | 5 | 25 |
| 2019-47 | Spring – Framework | 4 | This course includes complete coverage of the three main configuration styles: Java-based (@Configuration), | 5 | 25 |
| 2019-48 | Django – Framework | 4 | This course leads students step-by-step through five progressively more complex web applications: from a | 5 | 25 |



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| 2019-49 | R Programming | 4 | This course begins with the basic installation and configuration of the R environment. Students become | 5 | 25 |
| 2019-50 | Endpoint Security & Network Access Control | 3 | The Endpoint Security & Network Access Control course is a three-day course that will teach students how to install and | 5 | 25 |
| 2019-51 | Hacker Techniques, Tools, and Incident Handling | 4 | This course begins with an examination of the landscape, key terms, and concepts that a security professional needs | 5 | 25 |
| 2019-52 | System Forensics, Investigation, and Response | 4 | This 5-day cyber security focused course allows students to gain an understanding of analyzing network based evidence | 5 | 25 |

| 2019-53 | Splunk Essentials | 4 | This course starts with a simple Splunk installation and setup of a sample machine data generator, called Eventgen. | 5 | 25 |
|----------|--|--|---|------------------|------------------|
| Course # | Course Title | Course Description | Course Length | Min Participants | Max Participants |
| 2021-1 | AI-900T00: Microsoft Azure AI Fundamentals | Phoenix TS' 1-day instructor-led Microsoft Azure AI Fundamentals training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online introduces fundamentals concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions. The course is not designed to teach students to become professional data scientists or software developers, but rather to | 1 | 5 | 25 |
| 2021-2 | Malicious Network Traffic Analysis | Phoenix TS' 5-day Malicious Network Traffic Analysis course the students will learn how to use a variety of tools to assist them in their analysis. The concepts of low-level protocol analysis will be explored so the students can understand the network traffic at the binary level. The methods of live memory analysis will be explored in preparation of understanding the fundamentals of malware analysis. The students will be introduced to the procedures of | 5 | 5 | 25 |
| 2021-3 | Python Deep Learning | Phoenix TS' 5-day Python Deep Learning class is designed for ISEA engineers and operation research analysts who need the software engineering skillset: particularly research and development engineers and analysts. The engineers will be using the software skillset to write deep learning scripts for CBM+, data analysis, ship data, etc. | 5 | 5 | 25 |



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| 2021-4 | Systems Operations on AWS | Phoenix TS' 3 day, instructor-led, Systems Operations on AWS Certification Training course is designed to teach those in a Systems Administrator or Developer Operations (DevOps) role how to create automatable and repeatable deployments of networks and systems on the AWS platform. The cPhoenix TS' se covers the specific AWS features and tools related to configuration and deployment, as well as common techniques used | 3 | 6 | 18 |
| 2021-5 | AWS Certified Solutions Architect (Professional) | Phoenix TS' 3-day course prepares students for the AWS Certified Solutions Architect-Professional exam and encompasses the Advanced Architecting on AWS Training course. You will learn the skills necessary to build complex solutions that incorporate data services, governance, and security on AWS. Phoenix TS' Amazon AWS Training course introduces specialized AWS services, including AWS Direct Connect and AWS | 3 | 6 | 18 |
| 2021-6 | Hacker Methodologies for Security Professionals | Phoenix TS' 5-day course begins with an examination of the landscape, key terms, and concepts that a security professional needs to know about hackers and computer criminals who break into networks, steal information, and corrupt data. It goes on to review the technical overview of hacking: how attacks target networks and the methodology they follow. Finally, students will study those methods that are most effective when dealing | 5 | 5 | 25 |
| 2021-7 | Microsoft Certified: Azure Fundamentals | Phoenix TS' 2-day, Microsoft Azure Fundamentals (AZ-900T00) instructor-led training and certification boot camp in Washington, DC Metro or Live Online will provide foundational-level knowledge of cloud services and how those services are provided with Microsoft Azure. The course can be taken as an optional first step in learning about cloud services and Microsoft Azure, before taking further Microsoft Azure or Microsoft | 2 | 5 | 25 |



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| 2021-8 | AWS Certified Developer (Associate) | Phoenix TS' 7-day course certification course includes the following three courses AWS Technical Essentials, Developing on AWS and Advanced Developing on AWS. The AWS Certified Developer - Associate examination is intended for individuals who perform a development role and have one or more years of hands-on experience developing and maintaining an AWS-based application. | 7 | 6 | 18 |
| 2021-9 | Managing Risk in Information Systems | Phoenix TS' 4-day instructor led Managing Risk in Information Systems courses provides a comprehensive view of managing risk and risk management with extensive coverage on comprehensive risk management topic which include, Risk Management Business Challenges, Mitigating Risk and Risk Mitigation Plans. | 4 | 5 | 25 |
| 2021-10 | DP-900T00: Microsoft Azure Data Fundamentals | Phoenix TS' 1-day instructor-led Microsoft Azure Data Fundamentals training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online you will learn the fundamentals of database concepts in a cloud environment, get basic skilling in cloud data services, and build their foundational knowledge of cloud data services within Microsoft Azure. Students will identify and describe core data | 1 | 5 | 25 |
| 2021-11 | AI-100T01: Designing and Implementing an Azure AI Solution | Phoenix TS' 3-day instructor-led Microsoft Designing and Implementing an Azure AI Solution training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches you the necessary knowledge for designing Azure AI solution by building a customer support chat Bot using artificial intelligence from the Microsoft Azure platform including language understanding and pre-built AI | 3 | 5 | 25 |



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| 2021-12 | Security Engineering on AWS | Phoenix TS' 3-day AWS course, students will gain knowledge of AWS Security Cloud security and how to protect the infrastructure. Students will learn which security features are available to them and which solutions would be best to protect their business. | 3 | 6 | 18 |
| 2021-13 | Burp Suite | Phoenix TS' 3-day instructor led course will provide you the skills necessary to, perform security tests on web applications using Burp, use different components of Burp Suite including Proxy, Intruder, Scanner and Repeater and customize Burp Extensions when using Java, Python, and Ruby | 3 | 5 | 25 |
| 2021-14 | Architecting on AWS - Accelerator | Phoenix TS' 5-day AWS course combines topics covered in Architecting on AWS and Advanced Architecting on AWS to offer a comprehensive, immersive course in cloud architecture. Students will learn about AWS services including computing, storage, database, networking, security monitoring, automation, optimization and more. Students will also be able to experience hands on learning to help them apply their knowledge. | 5 | 6 | 18 |
| 2021-15 | Microsoft Certified: Azure Database Administrator Associate | Phoenix TS' 4-day instructor-led Microsoft Administering Relational Databases on Microsoft Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches the knowledge and skills to administer a SQL Server database infrastructure for cloud, on-premises and hybrid relational databases and who work with the Microsoft PaaS relational database offerings. Additionally, it will be of | 4 | 5 | 25 |



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| 2021-16 | IP6FD v3.0 - IPv6 Fundamentals, Design, and Deployment | Phoenix TS' 5-day instructor-led IPv6 Fundamentals, Design, and Deployment (IP6FD) v3.0 course provides network engineers and technicians that are working in the enterprise sector with the knowledge and skills that are needed to study and configure Cisco IOS Software IPv6 features. The course also provides an overview of IPv6 technologies, covers IPv6 design and implementation, describes IPv6 operations, addressing, routing, | 5 | 5 | 25 |
| 2021-17 | Access Control, Authentication, and Public Key Infrastructure | Phoenix TS' 3-day, instructor-led, Access Control, Authentication, and Public Key Infrastructure Training course is designed for cyber security professionals. It will teach you: How to protect resources against unauthorized viewing, tampering or destruction, How to ensure privacy, confidentiality, and prevention of unauthorized disclosure, The components of access control, a business framework for implementation, and the legal | 3 | 5 | 25 |
| 2021-18 | AWS Certified Security (Specialty) | Phoenix TS' 6-day course certification course includes the following two courses Architecting on AWS Training and Security Engineering on AWS. The AWS Certified Security – Specialty is intended for individuals who perform a security role with at least two years of hands-on experience securing AWS workloads. | 6 | 6 | 18 |
| 2021-19 | DP-200T01: Implementing an Azure Data Solution | Phoenix TS' 3-day instructor-led Microsoft Implementing an Azure Data Solution training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches students how to implement various data platform technologies into solutions that are in-line with business and technical requirements, including on-premises, cloud, and hybrid data scenarios incorporating both relational and | 3 | 5 | 25 |



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| 2021-20 | Planning and Designing Databases on AWS | Phoenix TS' 3-day AWS course, students will learn all about AWS databases so that students can determine whether a relational or non relational AWS databases is better for their workload. Students will be able to follow the process for planning and designing databases and gain an understanding of the eight different AWS database services. T | 3 | 6 | 18 |
| 2021-21 | DP-201T01: Designing an Azure Data Solution | Phoenix TS' 2-day instructor-led Microsoft Designing an Azure Data Solution training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches students how to design various data platform technologies into solutions that are in line with business and technical requirements. This can include on-premises, cloud, and hybrid data scenarios which incorporate relational, NoSQL, or Data | 2 | 5 | 25 |
| 2021-22 | AWS Certified Machine Learning (Specialty) | Phoenix TS' 6-day AWS Certified Machine Learning (Specialty) certification training encompasses the AWS courses: Practical Data Science with Amazon SageMaker, The Machine Learning Pipeline on AWS and Deep Learning on AWS. The AWS Certified Machine Learning - Specialty certification is intended for individuals who perform a development or data science role. It validates a candidate's ability to design, implement, deploy, and | 6 | 6 | 18 |
| 2021-23 | MCSA Windows Server 2016 | Phoenix TS' 10-day MCSA Windows Server 2016 Boot Camp training supplies individuals with the fundamental knowledge of Windows Server 2016 to prepare them to earn their MCSA Windows Server 2016 certification. Phoenix TS' training encompasses content from these courses: 20740: Install, Storage, & Compute with Windows Server 2016 | 10 | 5 | 25 |



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| 2021-24 | AZ-304T00: Microsoft Azure Architect Design | Phoenix TS' 4-day instructor-led Microsoft Azure Architect Design training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches Solutions Architects how to translate business requirements into secure, scalable, and reliable solutions. Lessons include design considerations related to logging, cost analysis, authentication and authorization, governance, security, storage, high | 4 | 5 | 25 |
| 2021-25 | Microsoft Certified: Azure Solutions Architect Expert | Phoenix TS' 9-day instructor led Azure Solutions Architect Expert certification course is for subject matter expertise in designing and implementing solutions that run on Microsoft Azure, including aspects like compute, network, storage, and security. Candidates should have intermediate-level skills for administering Azure. Candidates should understand Azure development and DevOps processes. Phoenix TS' nine (9) day Microsoft | 9 | 5 | 25 |
| 2021-26 | Intro to Java Script | Phoenix TS' 2-day instructor-led course provides students the ability to: Define objects, Understand essential OOP principles, Work with inheritance, Understand advanced patterns for object creation, Manage dynamic typing, Understand duck typing and polymorphism | 2 | 5 | 25 |
| 2021-27 | MCSA Windows Server 2016 | Phoenix TS' 10-day MCSA Windows Server 2016 Boot Camp training supplies individuals with the fundamental knowledge of Windows Server 2016 to prepare them to earn their MCSA Windows Server 2016 certification. Students learn to understand the scenarios, requirements, and storage and compute options available and applicable to Windows. | 10 | 5 | 25 |

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| 2021-28 | Messaging Administrator Associate (Intermediate) | Phoenix TS' 5-day instructor-led Microsoft 365 Messaging training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online examines the key elements of Microsoft 365 messaging administration, including message transport and mail flow, messaging security, hygiene, and compliance, messaging infrastructure, and hybrid messaging. This course is designed for IT Professionals who deploy and | 5 | 5 | 25 |
| 2021-29 | Microsoft Certified: Azure Data Scientist Associate | Phoenix TS' 3-day instructor-led Microsoft Designing and Implementing a Data Science Solution on Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online will instruct you how to operate machine learning solutions at cloud scale using Azure Machine Learning. This course teaches you to leverage your existing knowledge of Python and machine learning to | 3 | 5 | 25 |
| 2021-30 | AWS Certified Data Analytics (Specialty) | Phoenix TS' 3-day AWS Certified Data Analytics (Specialty) certification training encompasses the AWS course Big Data on AWS Training. Build credibility and confidence by highlighting your ability to design, build, secure, and maintain analytics solutions on AWS that are efficient, cost-effective, and secure. Show you have breadth and depth in delivering insight from data. | 3 | 6 | 18 |
| 2021-31 | Root Cause Analysis | Phoenix TS' 1-day Root Cause Analysis course focuses on the use of proven quality tools to empirically investigate issues, the course starts by describing the theoretical background behind using the scientific method and quality tools for RCA. Next, it supplies step-by-step instructions for performing RCA with the tools discussed in the first section. The course offers clear examples that illustrate how to integrate PDCA with the scientific | 1 | 5 | 25 |



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| 2021-32 | MS-900: Microsoft 365 Fundamentals | Phoenix TS' 1-day instructor-led Microsoft 365 Fundamentals training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides foundational knowledge on the considerations and benefits of adopting cloud services and the Software as a Service (SaaS) cloud model, with a specific focus on Microsoft 365 cloud service offerings. | 1 | 5 | 25 |
| 2021-33 | Microsoft Certified: DevOps Engineer Expert | Phoenix TS' 5-day instructor-led Microsoft Designing and Implementing Microsoft DevOps solutions training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides you the knowledge and skills to design and implement DevOps processes and practices. Students will learn how to plan for DevOps, use source control, scale Git for an enterprise, consolidate artifacts, design a | 5 | 5 | 25 |
| 2021-34 | 20463: Implementing a Data Warehouse with Microsoft SQL Server 2014 | Phoenix TS' 5-day course describes how to implement a data warehouse platform to support a BI solution. Students will learn how to create a data warehouse with Microsoft® SQL Server® 2014, implement ETL with SQL Server Integration Services, and validate and cleanse data with SQL Server Data Quality Services and SQL Server Master Data Services. | 5 | 5 | 25 |
| 2021-35 | Unit Testing with Visual Studio 2017 | Phoenix TS' 3 day, instructor-led training Unit Testing with Visual Studio 2017 course show you how to effectively use Visual Studio 2017 can enhance your productivity while simplifying your most common tasks, allowing you more time to focus on your project. This course teaches students what it takes to put it to work for your projects. Participants will learn to use XAML tools to build classic WPF apps, and UWP tools to build apps targeting Windows 10. | 3 | 5 | 25 |



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| 2021-36 | Practical Data Science with Amazon SageMaker | Phoenix TS' 1-day AWS course, students will learn about the stages of a data science process for Machine Learning. | 1 | 6 | 18 |
| 2021-37 | Microsoft 365 Certified: Enterprise Administrator Expert | Phoenix TS' 10-day Microsoft 365 Certified: Enterprise Administrator Expert teaches Microsoft 365 Enterprise Administrators to evaluate, plan, migrate, deploy, and manage Microsoft 365 services. The Microsoft 365 Certified: Enterprise Administrator Expert certification training encompasses the following two courses: MS-100T00: Microsoft 365 Identity and Services and MS-101T00: Microsoft 365 Mobility and Security | 10 | 5 | 25 |
| 2021-38 | Cyber Threats Detection and Mitigation | Phoenix TS' 3-day course, examines the fundamentals of system forensics: what forensics is, the role of computer forensics specialists, computer forensic evidence, and application of forensic analysis skills. It also gives an overview of computer crimes, forensic methods, and laboratories. Students will learn about the tools, techniques, and methods used to perform computer forensics and investigation. Phoenix TS' course explores emerging | 3 | 5 | 25 |
| 2021-39 | Jira Fundamentals | Phoenix TS' 1-day Jira Fundamentals course starts with a variety of recipes to help manage users and workflows. Participants will learn how to set up custom forms and capture important data with custom fields and screens. Next, they'll gain insights into the latest email capabilities, which will assist with everything from managing outgoing email rules to processing incoming emails for automated issue creation. Later, they'll be guided through running | 1 | 5 | 25 |



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|----------------|--|--|---|---|----|
| 2021-40 | Unit Testing with Android Studio | Phoenix TS' 4-day Android Studio course is an Integrated Development Environment (IDE) designed for developing Android apps. This course introduces the software, then moves straight into UI development using the sophisticated, WYSIWYG layout editor and XML code to design and test complex interfaces for a wide variety of screen configurations. In addition, the course covers application logic development, exploring the latest APIs provided by | 4 | 5 | 25 |
| 2021-41 | Microsoft Certified: Azure Data Fundamentals | Phoenix TS' 1-day instructor-led Microsoft Azure Data Fundamentals training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online you will learn the fundamentals of database concepts in a cloud environment, get basic skilling in cloud data services, and build their foundational knowledge of cloud data services within Microsoft Azure. Students will identify and describe core data | 1 | 5 | 25 |
| 2021-42 | Deep Learning on AWS | Phoenix TS' 1-day AWS course, students will learn about Deep learning solutions for the AWS platforms. Students will learn how to use AWS services to perform various operations with their Deep Learning models as well as design systems on AWS. | 1 | 6 | 18 |
| 2021-43 | DP-100T01: Designing and Implementing a Data Science Solution on Azure | Phoenix TS' 3-day instructor-led Microsoft Designing and Implementing a Data Science Solution on Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online will instruct you how to operate machine learning solutions at cloud scale using Azure Machine Learning. This course teaches you to leverage your existing knowledge of Python and machine learning to | 3 | 5 | 25 |



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|----------------|--|--|---|---|----|
| 2021-44 | Microsoft Certified: Azure Administrator Associate | Phoenix TS' 4-day instructor-led Microsoft Azure Administrator training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, | 4 | 5 | 25 |
| 2021-45 | 20461: Querying Microsoft SQL Server 2014 | Phoenix TS' 5-day instructor led course provides students with the technical skills required to write basic Transact-SQL queries for Microsoft SQL Server 2014. Phoenix TS' course is the foundation for all SQL Server-related disciplines; namely, Database Administration, Database Development and Business Intelligence. The main purpose of the course is to prepare people for the exam "70-461: Writing Queries Using Microsoft® SQL Server® 2014 | 5 | 5 | 25 |
| 2021-46 | Windows System Analysis | Phoenix TS' 5-day course students will learn the analysis process including all of the decision points along the way. The course will cover malware detection, user activity, and how to set up a testing environment. | 5 | 5 | 25 |
| 2021-47 | AWS Certified DevOps Engineer (Professional) | Phoenix TS' 5-day course certification course includes the following two courses Advanced Developing on AWS and DevOps Engineering on AWS Training. The AWS Certified DevOps Engineer – Professional exam is intended for individuals who perform a DevOps engineer role with two or more years of experience provisioning, operating, and managing AWS environments. | 6 | 6 | 18 |

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|----------------|------------------------------------|--|---|---|----|
| 2021-48 | MS-203T00: Microsoft 365 Messaging | Phoenix TS' 5-day instructor-led Microsoft 365 Messaging training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online examines the key elements of Microsoft 365 messaging administration, including message transport and mail flow, messaging security, hygiene, and compliance, messaging infrastructure, and hybrid messaging. This course is designed for IT Professionals who deploy and | 5 | 5 | 25 |
| 2021-49 | AWS Technical Essentials | Phoenix TS' 1-day, instructor-led, AWS Technical Essentials Training course introduces you to AWS products, services, and common solutions. This AWS Technical Essentials course provides you with fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working on AWS. | 1 | 6 | 18 |
| 2021-50 | DevOps Engineering on AWS Training | Phoenix TS' 3-day, instructor-led DevOps Engineering on AWS Training cPhoenix TS' se demonstrates how to use the most common DevOps patterns to develop, deploy, and maintain applications on AWS. The cPhoenix TS' se covers the core principles of the DevOps methodology and examines a number of use cases applicable to startup, small and medium-sized business, and enterprise development scenarios. | 3 | 6 | 18 |
| 2021-51 | ISSAP | Phoenix TS' 5-day, instructor-led CISSP-ISSAP is a specialty of the CISSP where you will learn the competence of the six major domains of the Information Systems Security Architecture Professional (ISSAP) Concentration. Phoenix TS' concentration is fundamentally the consultative and analytical process of information security. | 5 | 5 | 25 |

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| 2021-52 | ISSEP | Phoenix TS' 5-day instructor-led CISSP-ISSEP (Information Systems Security Engineering Professional) prepares attendees for the certification exam. Phoenix TS' concentration is specifically developed with assistance from the U.S. National Security Agency (NSA) for systems security engineers. The skills attained equip professionals with the right knowledge to implement security throughout applications, projects, business | 5 | 5 | 25 |
| 2021-53 | AZ-500T00: Microsoft Azure Security Technologies | Phoenix TS' 4-day instructor-led Microsoft Azure Security Technologies training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online will provide the knowledge and skills needed to implement security controls, maintain the security posture, and identify and remediate vulnerabilities by using a variety of security tools. The course covers scripting and automation, | 4 | 5 | 25 |
| 2021-54 | Securing the Virtual Environment | Phoenix TS' 4-day instructor-led Securing the Virtual Environment course provides students with a broad look across virtualization used in various industries as well as vulnerabilities unique to virtualization. | 4 | 5 | 25 |
| 2021-55 | The Machine Learning Pipeline on AWS | Phoenix TS' 4-day AWS course, students will gain knowledge about each stage of the Machine Learning pipeline to solve different business problems and create projects using Amazon SageMaker. | 4 | 6 | 18 |



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|----------------|--|---|---|---|----|
| 2021-56 | AZ-104T00: Microsoft Azure Administrator | Phoenix TS' 4-day instructor-led Microsoft Azure Administrator training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, | 4 | 5 | 25 |
| 2021-57 | IDA Pro | Phoenix TS' 3-day instructor-led course provides students the ability to: Navigate, comment, and modify disassembly, Identify known library routines, Use code graphing to quickly make sense of cross references and function calls, Extend IDA to support new processors and filetypes using the SDK | 3 | 5 | 25 |
| 2021-58 | AWS Certified SysOps Administrator (Associate) | Phoenix TS' 3-day course certification course includes the following two (courses) AWS Technical Essentials and Systems Operations on AWS. The AWS Certified SysOps Administrator – Associate examination is intended for systems administrators in a systems operations role with at least one year of experience in deployment, management, and operations on AWS. | 4 | 6 | 18 |
| 2021-59 | Network Security Firewalls (Guide to Firewalls and VPNs) | Phoenix TS' 5-day instructor-led Network Security Firewalls training will cover the following: Explain the component parts of network security, Define key terms and critical concepts of information and network security, Describe the organizational roles of information and network security, Identify the threats posed to information and network security, Identify the attacks aimed at information and network security, Identify countermeasures | 5 | 5 | 25 |

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| 2021-60 | 20462: Administering Microsoft SQL Server 2014 Databases | Phoenix TS' 5-day instructor-led course provides students with the knowledge and skills to maintain a Microsoft SQL Server 2014 database. The course focuses on teaching individuals how to use SQL Server 2014 product features and tools related to maintaining a database. | 5 | 5 | 25 |
| 2021-61 | AZ-220T00: Microsoft Azure IoT Developer | Phoenix TS' 4-day instructor-led Microsoft Designing and Implementing a Data Science Solution on Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides students with the skills and knowledge required to successfully create and maintain the cloud and edge portions of an Azure IoT solution. The course includes full coverage of the core Azure IoT | 4 | 5 | 25 |
| 2021-62 | Architecting on AWS Training | Phoenix TS' 3-day, instructor-led, Architecting on AWS Training course covers the fundamentals of building IT infrastructure on AWS. This AWS Certification course is designed to teach solutions architects how to optimize the use of the AWS Cloud by understanding AWS services and how these services fit into cloud-based solutions. This Amazon AWS Training course emphasizes AWS cloud best practices and recommended design patterns to | 3 | 6 | 18 |
| 2021-63 | Cyber Safety | Phoenix TS' 4-day instructor-led Cyber Safety training course explores the technical security skills and knowledge applied to IT security for enterprises. | 4 | 5 | 25 |

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| 2021-64 | Advanced Architecting on AWS Training | Phoenix TS' 3-day AWS course how to build complex solutions that incorporate data services, governance, and security on AWS. Phoenix TS' Amazon AWS Training course introduces specialized AWS services, including AWS Direct Connect and AWS Storage Gateway to support hybrid architecture. It also covers designing best practices for building scalable, elastic, secure, and highly available applications on AWS. Students should complete the | 3 | 6 | 18 |
| 2021-65 | Jira and Confluence | Phoenix TS' 5-day Jira and Confluence course starts by explaining how to plan and set up a new Jira 8 instance from scratch before getting you acquainted with key features such as emails, workflows, business processes, and much more. In addition, the course covers Jira's data hierarchy and how to design and work with projects. Since Jira is used for issue management, Phoenix TS' course delves into the different issues that | 5 | 5 | 25 |
| 2021-66 | AZ-900T00: Microsoft Azure Fundamentals | Phoenix TS' 2-day, Microsoft Azure Fundamentals (AZ-900T00) instructor-led training and certification boot camp in Washington, DC Metro or Live Online will provide foundational-level knowledge of cloud services and how those services are provided with Microsoft Azure. The course can be taken as an optional first step in learning about cloud services and Microsoft Azure, before taking further Microsoft Azure or Microsoft | 2 | 5 | 25 |
| 2021-67 | Microsoft Certified: Azure AI Engineer Associate | Phoenix TS' 3-day instructor-led Microsoft Designing and Implementing an Azure AI Solution training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches you the necessary knowledge for designing Azure AI solution by building a customer support chat Bot using artificial intelligence from the Microsoft Azure platform including language understanding and pre-built AI | 3 | 5 | 25 |



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| 2021-68 | Microsoft Certified: Azure Data Engineer Associate | Phoenix TS' 5-day instructor-led Azure Data Engineers provides students the skills to design and implement the management, monitoring, security, and privacy of data using the full stack of Azure data services to satisfy business needs. Phoenix TS' 5-day Microsoft Certified: Azure Data Engineer Associate certification training encompasses the following two courses: DP-200T01: Implementing an Azure Data Solution and DP- | 5 | 5 | 25 |
| 2021-69 | AZ-303T00: Microsoft Azure Architect Technologies | Phoenix TS' 5-day instructor-led Microsoft Designing and Implementing a Data Science Solution on Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches Solutions Architects how to translate business requirements into secure, scalable, and reliable solutions. Lessons include virtualization, automation, networking, storage, identity, | 5 | 5 | 25 |
| 2021-70 | Developing on AWS | Phoenix TS' 3-day, instructor-led Developing on AWS Training cPhoenix TS' se helps developers understand how to use the AWS SDK to develop secure and scalable cloud applications. Phoenix TS' Amazon AWS Training cPhoenix TS' se provides in-depth knowledge about how to interact with AWS using code and covers key concepts, best practices, and troubleshooting tips. | 3 | 6 | 18 |
| 2021-71 | Network Defense Range | Phoenix TS' 5-day Network Defense Range course assumes participants know how to use a computer, and that they're familiar with basic networking and security principles. It does not assume that they've set up basic virtual machines before. Participants will establish the foundation in TCP/IP, Phoenix TS' is critical to being able to perform network analysis on a modern enterprise network, Participants will | 5 | 5 | 25 |

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| 2021-72 | AZ-204T00: Developing solutions for Microsoft Azure | Phoenix TS' 5-day instructor-led Microsoft Developing solutions for Microsoft Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches developers how to create end-to-end solutions in Microsoft Azure. Students will learn how to implement Azure compute solutions, create Azure Functions, implement and manage web apps, develop solutions utilizing Azure | 5 | 5 | 25 |
| 2021-73 | Microsoft Certified: Azure Developer Associate | Phoenix TS' 5-day instructor-led Microsoft Developing solutions for Microsoft Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches developers how to create end-to-end solutions in Microsoft Azure. Students will learn how to implement Azure compute solutions, create Azure Functions, implement and manage web apps, develop solutions utilizing Azure | 5 | 5 | 25 |
| 2021-74 | ISSMP | Phoenix TS' 5-day, instructor-led CISSP-ISSMP (Information Systems Security Management Professional) training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is geared toward information security professionals in a managerial position. It concentrates on project and risk management, managing a Business Continuity Planning program and implementing a security awareness program. | 5 | 5 | 25 |
| 2021-75 | MS-500T00: Microsoft 365 Security Administration | Phoenix TS' 4-day instructor-led Microsoft 365 Security Administration training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online you will learn how to secure user access to your organization's resources. The course covers user password protection, multi-factor authentication, how to enable Azure Identity Protection, how to setup and use Azure AD Connect, and | 4 | 5 | 25 |



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| 2021-76 | Network Traffic Analysis | Phoenix TS' 5-day Network Traffic Analysis course examines the TCP/IP protocol suite at the lowest level and prepares the student for the ability to analyze network communications. The course focuses on the main protocols to include DHCP and others. The student will learn how to identify different components of network communications and determine if the communications is normal or abnormal. The student will be introduced to the hacking | 5 | 5 | 25 |
| 2021-77 | Cloud Practitioner Essentials | Phoenix TS' 1-day course is intended for individuals seeking to gain knowledge about the AWS Cloud. Phoenix TS' course also helps you prepare for the AWS Certified Cloud Practitioner Exam. | 1 | 6 | 18 |
| 2021-78 | Managing Risk in Information Systems | Phoenix TS' 4-day instructor-led course teaches Managing Risk in Information Systems and provides a comprehensive overview of the SSCP® Risk, Response, and Recovery Domain in addition to providing a thorough overview of risk management and its implications on IT infrastructures and compliance. Phoenix TS provides a wealth of examples and exercises, and hands-on activities which take the student through the fundamentals of risk | 4 | 5 | 25 |
| 2021-79 | Microsoft Certified: Azure Security Engineer Associate | Phoenix TS' 4-day instructor-led Microsoft 365 Security Administration training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online you will learn how to secure user access to your organization's resources. The course covers user password protection, multi-factor authentication, how to enable Azure Identity Protection, how to setup and use Azure AD Connect, and | 4 | 5 | 25 |

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|----------------|--|---|---|---|----|
| 2021-80 | Microsoft 365 Certified: Teams Administrator Associate | Phoenix TS' 4-day instructor-led Microsoft Managing Microsoft Teams training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is designed for persons who are aspiring to the Microsoft 365 Teams Admin role. Microsoft Teams admins configure, deploy, and manage Office 365 workloads for Microsoft Teams that focus on efficient and effective collaboration and communication in an enterprise | 4 | 5 | 25 |
| 2021-81 | Big Data on AWS Training | Phoenix TS' 3-day AWS course, students will learn about Cloud based Big Data Solutions available on the AWS Big Data platform. Students will learn how to process data and use different tools to create Big Data environments. Students will also learn about how to implement security and cost effectiveness while using Big Data platforms. | 3 | 6 | 18 |
| 2021-82 | MS-700T00: Managing Microsoft Teams | Phoenix TS' 4-day instructor-led Microsoft Managing Microsoft Teams training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online is designed for persons who are aspiring to the Microsoft 365 Teams Admin role. Microsoft Teams admins configure, deploy, and manage Office 365 workloads for Microsoft Teams that focus on efficient and effective collaboration and communication in an enterprise | 4 | 5 | 25 |
| 2021-83 | AWS Certified Cloud Practitioner | Phoenix TS' 1-day AWS Certified Cloud Practitioner certification training encompasses the AWS Cloud Practitioner Essentials course. The AWS Certified Cloud Practitioner examination is intended for individuals who have the knowledge and skills necessary to effectively demonstrate an overall understanding of the AWS Cloud, independent of specific technical roles addressed by other AWS Certifications. | 1 | 6 | 18 |



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|----------------|--|--|---|---|----|
| 2021-84 | Microsoft 365 Certified: Fundamentals | Phoenix TS' 1-day instructor-led Microsoft 365 Fundamentals training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides foundational knowledge on the considerations and benefits of adopting cloud services and the Software as a Service (SaaS) cloud model, with a specific focus on Microsoft 365 cloud service offerings. This certification training | 1 | 5 | 25 |
| 2021-85 | AWS Certified Solutions Architect (Associate) | Phoenix TS' 9-day certification course includes the following three (courses) AWS Technical Essentials, Architecting on AWS Training and Architecting on AWS - Accelerator. The AWS Certified Solutions Architect - Associate examination is intended for individuals who perform a solutions architect role and have one or more years of hands-on experience designing available, cost-efficient, fault-tolerant, and scalable | 9 | 6 | 18 |
| 2021-86 | DP-300T00: Administering Relational Databases on Microsoft Azure | Phoenix TS' 4-day instructor-led Microsoft Administering Relational Databases on Microsoft Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online teaches the knowledge and skills to administer a SQL Server database infrastructure for cloud, on-premises and hybrid relational databases and who work with the Microsoft PaaS relational database offerings. Additionally, it will be of | 4 | 5 | 25 |
| 2021-87 | Access Control, Authentication, and Public Key Infrastructure | Phoenix TS' 4-day instructor-led course provides students the ability to do the following: Define authorization and access to an IT infrastructure based on an access control policy framework, Mitigate risk to an IT infrastructure's confidentiality, integrity, and availability with sound access controls, Analyze how a data classification standard impacts an IT infrastructure's access control requirements and implementation, | 4 | 5 | 25 |



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|----------------|--|--|---|---|----|
| 2021-88 | Microsoft Certified: Azure AI Fundamentals | Phoenix TS' 1-day instructor-led Microsoft Azure AI Fundamentals training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online introduces fundamentals concepts related to artificial intelligence (AI), and the services in Microsoft Azure that can be used to create AI solutions. The course is not designed to teach students to become professional data scientists or software developers, but rather to | 1 | 5 | 25 |
| 2021-89 | Assembly Language Programming | Phoenix TS' 4-day instructor led course will provide professionals with an introduction to assembly language programming skills. | 4 | 5 | 25 |
| 2021-90 | Risk Management Framework for DoD Security Control Assessors | Phoenix TS' 4-day Risk Management Framework for DoD Security Control Assessors course covers the unified information security framework for the entire federal government that is replacing the legacy Certification and Accreditation (C&A) processes within federal government departments and agencies, the Department of Defense (DOD) and the Intelligence Community (IC). DoD officially began its transition from the legacy DIACAP process to the new "RMF for DoD IT" | 4 | 5 | 25 |
| 2021-91 | AWS Certified Database (Specialty) | Phoenix TS' 3-day AWS Certified Database (Specialty) certification training encompasses the AWS course Planning and Designing Databases on AWS. | 3 | 6 | 18 |

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|----------------|--|--|---|---|----|
| 2021-92 | Advanced Developing on AWS | Phoenix TS' 3-day AWS course build upon the concepts discussed in the course, Developing on AWS. Students will deep dive into advanced development topics such as architecting for a non – cloud environment, legacy applications, and develop an understanding of the Twelve – Factor application methodology | 3 | 6 | 18 |
| 2021-93 | MS-100T00: Microsoft 365 Identity and Services | Phoenix TS' 5-day instructor-led Microsoft 365 Identity and Services training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online covers three central elements of Microsoft 365 enterprise administration – Microsoft 365 tenant and service management, Office 365 management, and Microsoft 365 identity management. In Microsoft 365 tenant and service management, you will examine all | 5 | 5 | 25 |
| 2021-94 | MS-101T00: Microsoft 365 Mobility and Security | Phoenix TS' 5-day instructor-led Microsoft 365 Mobility and Security training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online covers three central elements of Microsoft 365 enterprise administration – Microsoft 365 security management, Microsoft 365 compliance management, and Microsoft 365 device management. In Microsoft 365 security management, you will examine all | 5 | 5 | 25 |
| 2021-95 | AZ-400T00: Designing and Implementing Microsoft DevOps solutions | Phoenix TS' 5-day instructor-led Microsoft Designing and Implementing Microsoft DevOps solutions training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides you the knowledge and skills to design and implement DevOps processes and practices. Students will learn how to plan for DevOps, use source control, scale Git for an enterprise, consolidate artifacts, design a | 5 | 5 | 25 |



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|----------------|---|---|---|---|----|
| 2021-96 | Network Security Monitoring with Security Onion | Phoenix TS' 4-day Network Security Monitoring with Security Onion course will provide the basic concepts of Security Onion and it's use as a Network Security Monitoring (NSM) suite. Participants will install Security Onion, then use component tools to collect and visualize network data. Participants will also learn toolset service verification and troubleshooting in Phoenix TS' course. | 4 | 5 | 25 |
| 2021-97 | Linux for Developers | Phoenix TS' 5-day Linux for Developers course teaches UNIX programming in a simple and structured way on the Linux platform. Students will learn by doing and are able to move from being a Linux beginner to creating custom applications in Linux. The course introduces fundamental concepts beginning with the basics of writing Unix programs in C, and including material on basic system calls, file I/O, interprocess | 5 | 5 | 25 |
| 2021-98 | Docker | Phoenix TS' 3-day instructor-led course provides students the ability to: develop containerized applications using Docker, build Docker images from containers and launch them, develop Docker images and containers using Dockerfiles, use Docker volumes to share data | 3 | 5 | 25 |
| 2021-99 | Information Security Risk Assessment through Data Collection and Analysis | Phoenix TS' 4-day instructor-led course teaches the security practitioner to find out: What needs protection What risks those assets are exposed to, What controls are in place to offset those risks, Where to focus attention for risk treatment, Expert lecture and exercises enforce the true value and purpose of information security risk assessments. Student gain proficiency in conducting effective risk assessments that provide | 4 | 5 | 25 |

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|-----------------|---|---|---|---|----|
| 2021-100 | Microsoft Certified: Azure IoT Developer Specialty | Phoenix TS' 4-day instructor-led Microsoft Designing and Implementing a Data Science Solution on Azure training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online provides students with the skills and knowledge required to successfully create and maintain the cloud and edge portions of an Azure IoT solution. The course includes full coverage of the core Azure IoT | 4 | 5 | 25 |
| 2021-101 | Microsoft 365 Certified: Security Administrator Associate | Phoenix TS' 4-day instructor-led Microsoft 365 Security Administration training and certification boot camp in Washington, DC Metro, Tysons Corner, VA, Columbia, MD or Live Online you will learn how to secure user access to your organization's resources. The course covers user password protection, multi-factor authentication, how to enable Azure Identity Protection, how to setup and use Azure AD Connect, and | 4 | 5 | 25 |
| 2021-102 | Advanced Jira | Phoenix TS' 2-day instructor-led Advanced Jira course is intended for developers who are looking to advance their skills in Phoenix TS' project management application. It will teach you: How to delegate administrator permissions effectively, Insights into integrating Jira with Bitbucket Cloud and GitHub, Ways to collaborate with your internal teams on service requests, How to add permissions to fields, How to set up SSO with | 2 | 5 | 25 |

| Course Number | Course Title | Course Description | Course Length | Min Participants | Max Participants |
|---------------|--|--|---------------|------------------|------------------|
| 2022-1 | Certified Chief Information Security Officer (CCISO) | Phoenix TS' 5-day Certified Chief Information Security Officer (CCISO) certification course is designed to teach and verify executive security professionals who aspire to become Chief Information Security Officers (CISOs). The training addresses the five core domains required to master for the certification, which includes the management of information security (IS) governance programs and best practices to implement and maintain as a security executive within an enterprise environment. This course includes one (1) CCISO exam voucher. | 5 days | 5 | 25 |

Phoenix TS' 5-day Cisco Certified Network Associate-Security (CCNA-Security) course prepares you for the 210-260 IINS: Implementing Cisco Network Security exam and is available in both an online and in- person format. This 5-day training course is designed to provide the necessary knowledge and skills to properly implement and monitor a comprehensive security policy. In addition, students will be led through all the exam objectives so that they are properly prepared to handle the CCNA Security certification exam at the end of the 5-day course. Course Length: 5 Days Prerequisites: Networking experience. This courses includes (1) one 300-730 SVPN exam voucher.

5 days

6

18

Phoenix TS' 10-day Cisco Certified Network Professional-Security (CCNP-Security) certification course issued focuses on security infrastructure which involves network security, cloud security, content security and secure network access. You will get to learn to implement automation to increase security on devices in a business organization. This course includes (5) five day training rfor core exam 350-701 SCOR and (5) five day training on the 300-730 SVPN concentration exams for a total of (10) days. Also included are (1) one 350-701 SCOR exam voucher and (1) one 300-730 SVPN exam voucher

10 days

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Phoenix TS' 5-day Implementing and Operating Cisco Security Core Technologies (SCOR) course helps you prepare for the Cisco CCNP Security and CCIE Security certifications and for senior-level security roles. In this course, you will master the skills and technologies you need to implement core Cisco security solutions to provide advanced threat protection against cybersecurity attacksThis courses includes (1) one 350-701 SCOR exam voucher.

5 days

6

18

2022-2 Cisco Certified Network Associate-Security (CCNA-Security)

2022-3 Cisco Certified Network Professional-Security (CCNP-Security)

2022-4 SCOR - Implementing and Operating Cisco Security Core Technologies



Phoenix TS

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|--------|--|---|--------|---|----|
| 2022-5 | SVPN - Implementing Secure Solutions with Virtual Private Networks | <p>Phoenix TS' 5-day Implementing Secure Solutions with Virtual Private Networks (SVPN) v1.0 course teaches you how to implement, configure, monitor, and support enterprise Virtual Private Network (VPN) solutions. Through a combination of lessons and hands-on experiences you will acquire the knowledge and skills to deploy and troubleshoot traditional Internet Protocol Security (IPsec), Dynamic Multipoint Virtual Private Network (DMVPN), FlexVPN, and remote access VPN to create secure and encrypted data, remote accessibility, and increased privacy. Preequists: Before taking this course, you should have the following knowledge and skills: Familiarity with the various Cisco router and firewall command modes, Experience navigating and managing Cisco routers and firewalls, Clear understanding of the benefits of site-to-site and Remote Access VPN options. This courses includes (1) one 300-730 SVPN exam voucher.</p> <p>Phoenix TS' 5-day CyberSec First Responder (CFR) course covers network defense and incident response methods, tactics, and procedures are taught in alignment with industry frameworks such as NIST 800-61 r.2 (Computer Security Incident Handling), US-CERT's NCISP (National Cyber Incident Response Plan), and Presidential Policy Directive (PPD) 41 on Cyber Incident Coordination Policy. It is ideal for candidates who have been tasked with the responsibility of monitoring and detecting security incidents in information systems and networks, and for executing standardized responses to such incidents. The course introduces tools, tactics, and procedures to manage cybersecurity risks, identify various types of common threats, evaluate the organization's security, collect and analyze cybersecurity intelligence and remediation/report incidents as they occur. This course provides a comprehensive methodology for individuals responsible for defending the cybersecurity of their organization. This courses includes (1) one CFR-310 exam voucher.</p> | 5 days | 6 | 18 |
| 2022-6 | CyberSec First Responder (CFR) | | 5 days | 5 | 25 |

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|--------|---|---|--------|---|----|
| 2022-7 | GIAC Certified Enterprise Defender (GCED) | <p>This 6-day GIAC Certified Enterprise Defender (GCED) course increases your knowledge and skills in the specific areas of network architecture defense, penetration testing, security operations, digital forensics and incident response, and malware analysis. SEC501: Advanced Security Essentials - Enterprise Defender is an essential course for members of security teams of all sizes. That includes smaller teams where you wear several (or all) hats and need a robust understanding of many facets of cybersecurity, and larger teams where your role is more focused, and gaining skills in additional areas adds to your flexibility and opportunities. This course concentrates on showing you how to examine the traffic that is flowing on your networks, look for indications of an attack, and perform penetration testing and vulnerability analysis against your enterprise to identify problems and issues before a compromise occurs. When a compromise does occur - and it will - you'll be able to eradicate it because you will have already scoped your adversaries activities by collecting digital artifacts of their actions and analyzing malware they have installed on your systems. That done, you can then undertake the recovery and remediation steps that would have been pointless if your adversary had persisted on your network. This class includes one (1) GCED exam voucher.</p> | 6 days | 6 | 18 |
| 2022-8 | GIAC Certified Forensic Analyst (GCFA) | <p>This 6-day GIAC Certified Forensic Analyst (GCFA) course teaches advanced skills to hunt, identify, counter, and recover from a wide range of threats within enterprise networks, including APT nation-state adversaries, organized crime syndicates, and hactivists. This class includes one (1) GCFA exam voucher.</p> | 6 days | 6 | 18 |
| 2022-9 | GIAC Certified Incident Handler (GCIH) | <p>The 6-day GIAC Certified Incident Handler (GCIH) SEC504 course will prepare you to turn the tables on computer attackers. This course addresses the latest cutting-edge insidious attack vectors, the "oldie-but-goodie" attacks that are still so prevalent, and everything in between. You will learn the most modern, step-by-step processes for incident response; how attackers undermine systems so you can prepare, detect, and respond to them; and how to discover holes in your system before the bad guys do. Instead of merely teaching you a few hack attack tricks, this course will give you hands-on experience, equip you with a comprehensive incident handling plan, and help you understand the legal issues associated with</p> | 6 days | 6 | 18 |

responding to computer attacks, including employee monitoring, working with law enforcement, and handling evidence. This class includes one (1) GCIH exam voucher.

2022-10 GIAC Certified Intrusion Analyst (GCIA)

This 6-day GIAC Certified Intrusion Analyst (GCIA) SEC503 course is one of the most important courses that you will take in your information security career. While past students describe it as the most difficult class they have ever taken, they also tell us it was the most rewarding. This course isn't for people who are simply looking to understand alerts generated by an out-of-the-box Intrusion Detection System (IDS). It's for people who want to deeply understand what is happening on their network today, and who suspect that there are very serious things happening right now that none of their tools are telling them about. If you want to be able to find zero-day activities on your network before disclosure, this is definitely the class for you. This class includes one (1) GCIA exam voucher.

6 days

6

18

2022-11 GIAC Global Industrial Cyber Security Professional (GICSP)

This 6-day GIAC Global Industrial Cyber Security Professional (GICSP) course provides the basic understanding of networking and system administration, TCP/IP, networking design/architecture, vulnerability assessment, and risk methodologies. ICS410 covers many of the core areas of security and assumes a basic understanding of technology, networks, and security. For those who are brand new to the field and have no background knowledge, SEC301: Intro to Information Security would be the recommended starting point. While SEC301 is not a prerequisite, it provides introductory knowledge that will help maximize a student's experience with ICS410. This class includes one (1) GICSP exam voucher.

6 days

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|---------|---|--|--------|---|----|
| 2022-12 | GIAC Security Essentials Certification (GSEC) | The 6-day GIAC Security Essentials Certification (GSEC) SEC401 course will provide the essential information security skills and techniques you need to protect and secure your critical information and technology assets, whether on-premise or in the cloud. SEC401 will also show you how to directly apply the concept learned into a winning defensive strategy, all in the terms of the modern adversary. This is how we fight; this is how we win! This class includes one (1) GSEC exam voucher. | 6 days | 6 | 18 |
| 2022-13 | GIAC Security Leadership Certificate (GSLC) | the 5-day GIAC Security Leadership Certificate (GSLC) MGT512 course empowers student to become effective security managers and quickly grasp critical information security issues and terminology, with a focus on security frameworks, computer/network security, vulnerability management, cryptography, data protection, security awareness. This class includes one (1) GSLC exam voucher. | 5 days | 6 | 18 |
| 2022-14 | GIAC Systems and Network Auditor (GSNA) | The 6-day GIAC Systems and Network Auditor (GSNA) AUD507 course gives you the three things needed to measure, report on, and manage risk in the enterprise: tools, techniques and thought processes. Auditors, managers, security and compliance professionals will get the mix of hands-on experience and classroom discussion they need to better protect their organizations. You'll learn to audit Windows, Linux, containers, web technologies, virtualization and networks. This class includes one (1) GSNA exam voucher. | 6 days | 6 | 18 |
| 2022-15 | AWS Certified Advanced Networking (Specialty) | This 1-day AWS Certified Advanced Networking - Specialty course provides technical skills and experience in designing and implementing AWS and hybrid IT network architectures at scale. As a networking specialist, you will design a secure, scalable, and highly available network infrastructure on AWS while addressing requirements like network security, hybrid IT connectivity, network integration with other AWS services, routing techniques, and network troubleshooting. | 1 days | 6 | 18 |
| 2022-16 | Microsoft Office SharePoint Level 1 | Phoenix TS' 1-day Microsoft Office SharePoint Level 1 instructor-led course provides the basic concepts and skills to start being productive with Microsoft Share Point | 1 days | 5 | 25 |

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|---------|-------------------------------------|---|--------|---|----|
| 2022-17 | Microsoft Office SharePoint Level 2 | Phoenix TS' 1 day Share Point Level 2 course builds on the basic concepts and skills of our Level 1 course. You will manage site collections and site components as a site collection administrator and as a site administrator. This course is designed for individual contributors or departmental staff in a variety of job roles, such as administrative assistants, functional or operations managers, with basic SharePoint skills, and who have the responsibility for managing SharePoint sites as an enabling technology within their workgroups, not necessarily IT tech professionals. | 1 days | 5 | 25 |
| 2022-18 | Microsoft Office SharePoint Level 3 | Phoenix TS' 1-day Share Pont Level 3 course covers more advanced features of Share Point such as collection administration, from planning to reporting. The class begins with a lesson on planning a site or site collection, moves into permissions, through customization of content types, through general site features and site administration tools. | 1 days | 5 | 25 |
| 2022-19 | Microsoft Office Excel Level 1 | Phoenix TS' 1-day Microsoft Office Excel Level 1 instructor-led course provides the basic concepts and skills to start being productive with Microsoft Excel 2010: how to create, save, share, and print worksheets that contain various kinds of calculations and formatting. | 1 days | 5 | 25 |
| 2022-20 | Microsoft Office Excel Level 2 | Phoenix TS' 1 day Excel 2019 Level 2 course builds on the basic concepts and skills of our Level 1 course to provide more advanced tools for analysis and presentation of complex, realistic data in Microsoft Excel 2019. Participants will learn how to manage complex workbooks, build more complex functions, use data analysis tools, make an impact with powerful chart and presentation features, and collaborate with other users. | 1 days | 5 | 25 |
| 2022-21 | Microsoft Office Excel Level 3 | Phoenix TS' 1 day Microsoft Office Excel Level 3 course builds on the concepts and skills of our Level 1 and Level 2 courses to provide advanced tools for solving real-world problems in Microsoft Excel 2016: lookup and decision-making functions, auditing and error-handling, array functions, date and text functions, importing and exporting, what-if-analysis, and macros. The three levels of our Excel 2016 courses map to the Microsoft Office Specialist and Expert exams' objectives for Excel 2016. | 1 days | 5 | 25 |
| 2022-22 | Microsoft Office Project Level 3 | Phoenix TS' 1-day, instructor-led Microsoft Project Level 3 course addresses the advanced features of MS Project. | 1 days | 5 | 25 |

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| 2022-23 | Microsoft Office Power Point Level 3 | Phoenix TS' 1-day, instructor-led Microsoft Power Point Level 3 course addresses the advanced features of MS Power Point. | 1 days | 5 | 25 |
| 2022-24 | Microsoft 365 Certified: Developer Associate | Phoenix TS' 5-day Microsoft 365 Certified: Developer Associate course provides the knowledge required to implement Microsoft Identity and work with Microsoft Graph. Students will also gain the knowledge on UI elements (including Adaptive Cards and UI Fabric), Integration Points (including Microsoft Teams, Office Add-ins, SharePoint Framework, Actionable Messages), and determining workload platform targets. This course is based on the course objectives of MS-600T00: Building Applications and Solutions with Microsoft 365 Core Services. Prerequisites: Candidates should have experience developing solutions on Microsoft Teams, Office, or SharePoint through all phases of software development. They should have a basic understanding of REST APIs, JSON, OAuth2, OData, OpenID Connect, Microsoft identities (including Azure AD and Microsoft accounts), Azure AD B2C, and permission/consent concepts. | 5 days | 5 | 25 |
| 2022-25 | Microsoft 365 Certified: Modern Desktop Administrator Associate | Phoenix TS' 5-day Microsoft 365 Certified: Modern Desktop Administrator Associate course provides students the knowledge to plan and implement an operating system deployment strategy using modern deployment methods, as well as how to implement an update strategy. Students will be introduced to key components of modern management and co-management strategies. This course also covers what it takes to incorporate Microsoft Intune into your organization. Students will also learn about methods for deployment and management of apps and browser-based applications. Students will be introduced to the key concepts of security in modern management including authentication, identities, access, and compliance policies. Students will be introduced to technologies such as Azure Active Directory, Azure Information Protection and Windows Defender Advanced Threat Protection, as well as how to leverage them to protect devices and data. | 5 days | 5 | 25 |
| 2022-26 | Microsoft Certified: Windows Virtual Desktop Specialty | Phoenix TS' 4-day Microsoft Certified: Windows Virtual Desktop Specialty course teaches Azure administrators how to plan, deliver, and manage virtual desktop experiences and remote apps, for any device, on Azure. | 4 days | 5 | 25 |

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| 2022-27 | Microsoft Certified: Azure Stack Hub Operator Associate | Phoenix TS' 4-day Microsoft Certified: Azure Stack Hub Operator Associate course teaches Azure administrators and Azure Stack Hub operators how to plan, deploy, package, update, and maintain the Azure Stack Hub infrastructure. Lessons include deploying Azure Stack Hub, managing the Azure Stack Hub Marketplace, offering App Services and Event Hub resource providers, managing Azure Stack Hub registration, and maintaining system health. | 4 days | 5 | 25 |
| 2022-28 | Microsoft Certified: Azure for SAP Workloads Specialty | Phoenix TS' 4-day Microsoft Certified: Azure for SAP Workloads Specialty course teaches IT Professionals experienced in SAP solutions how to leverage Azure resources that include deployment and configuration of virtual machines, virtual networks, storage accounts, and Azure AD that includes implementing and managing hybrid identities. | 4 days | 5 | 25 |

Class Schedules: As agreed to between ordering agency and Phoenix TS

Class Location: Phoenix TS provided site

Phoenix Technology Solutions, LLC. GSA Pricelist

Phoenix TS Technical Classes

List price based on classroom at client site or Phoenix TS site and is per student. All training is hands-on instructor led.

| Course Number | GSA Price w/IFF |
|---|-----------------|
| 1001 Interconnecting Cisco Networking Devices1 (ICND 1) | \$3,087.51 |
| 1002 Interconnecting Cisco Networking Devices 2 (ICND 2) | \$3,087.51 |
| 1003 Cisco Certified Network Associate (CCNA) | \$2,848.56 |
| 1004 CCNP: Implementing Cisco IP Routing (ROUTE) | \$3,368.61 |
| 1005 CCNP: Implementing Cisco IP Switched Networks (SWITCH) | \$3,368.61 |
| 1006 CCNP: Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) | \$3,368.61 |
| 1007 ICOMM - Introducing Cisco Voice and Unified Communications Administration v8.1 | \$3,274.91 |
| 1008 IUWNE - Implementing Cisco Unified Wireless Networking Essentials v2.0 | \$3,274.91 |
| 1009 IINS - Implementing Cisco IOS Network Security v2.0 | \$3,274.91 |
| 1018 DCUCI - Implementing Cisco Data Center Unified Computing v5.0 | \$3,462.32 |
| 1020 DCMDS - Configuring Cisco MDS 9000 Series Switches v2.0 | \$3,462.32 |
| 1021 Securing Cisco Networks with Threat Detection and Analysis (SCYBER) | \$3,274.91 |
| 1028 CompTIA A+ | \$2,244.18 |
| 1029 CompTIA Network+ | \$2,244.18 |
| 1030 CompTIA Security+ | \$2,244.18 |
| 1031 CompTIA Server+ | \$1,424.28 |

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| 1032 | CompTIA Linux+ | \$2,244.18 |
| 1035 | Certified Ethical Hacker (CEH) | \$2,525.29 |
| 1036 | Computer Hacking Forensic Investigator (CHFI) | \$2,525.29 |
| 1037 | ECSA/LPT | \$2,618.99 |
| 1038 | Certified Information Security Manager (CISM) | \$2,267.61 |
| 1039 | Certified Information Systems Auditor (CISA) | \$2,267.61 |
| 1040 | ITIL® 2011 Foundations | \$1,827.20 |
| 1041 | ITIL® 2011 Lifecycle-Service Strategy (SS) | \$1,920.91 |
| 1042 | ITIL® 2011 Lifecycle-Service Design (SD) | \$1,920.91 |
| 1043 | ITIL® 2011 Lifecycle-Service Transition (ST) | \$1,920.91 |
| 1044 | ITIL® 2011 Lifecycle - Service Operation (SO) | \$1,920.91 |
| 1045 | ITIL® 2011 Lifecycle - Continual Service Improvement (CSI) | \$1,920.91 |
| 1046 | ITIL® 2011 Capability- Operational Support & Analysis (OSA) | \$2,417.53 |
| 1047 | ITIL® 2011 Capability - Release, Control & Validation (RCV) | \$2,417.53 |
| 1048 | ITIL® 2011 Capability - Planning Protection & Optimization (PPO) | \$2,417.53 |
| 1049 | ITIL® 2011 Capability - Service Offerings & Agreements (SOA) | \$2,417.53 |
| 1050 | ITIL® 2011 Capstone - Managing Across the Lifecycle (MALC) | \$2,417.53 |
| 1051 | Certified Wireless Network Administrator (CWNA) | \$2,431.59 |
| 1052 | Certified Wireless Security Professional (CWSP) | \$2,618.99 |
| 1053 | Certified Wireless Technology Specialist (CWTS) | \$1,274.36 |
| 1055 | Certified Wireless Analysis Professional (CWAP) | \$2,712.70 |
| 1070 | Certified Information Systems Security Professional (CISSP) | \$2,150.48 |
| 1100 | Analytics/Basis Statics/Metric | \$1,358.69 |
| 1101 | Advanced Analytics | \$1,583.58 |
| 1102 | Data Analytics Level 1 | \$1,391.49 |
| 1103 | Data Analytics Level 2 | \$1,391.49 |
| 1104 | Data Analytics Bootcamp | \$1,827.20 |
| 1105 | Project Management for IT Professionals | \$1,770.98 |
| 1106 | SharePoint End user (Customized for DISA) | \$484.44 |
| 1107 | SharePoint Administration (Customized for DISA) | \$2,417.53 |
| 2016 | PMI Risk Management Professional (PMI-RMP) | \$1,803.78 |
| 2017 | Certified Associate in Project Management (CAPM) | \$2,038.04 |
| 2018 | PMI Agile Certified Practitioner | \$1,803.78 |
| 2019 | Project Management Professional (PMP) | \$2,108.31 |
| 2020 | CCAH - Cloudera Certified Administrator for Apache Hadoop | \$2,806.40 |
| 2021 | CCDH - Cloudera Certified Developer for Apache Hadoop | \$2,806.40 |
| 2022 | CCSHB - Cloudera Certified Specialist in Apache HBase | \$2,806.40 |
| 2023 | Cloudera Data Analyst: Pig, Hive and Impala Training | \$2,150.48 |
| 2024 | Cloudera Developer Training for Apache Spark | \$2,150.48 |
| 2025 | Designing and Building Big Data Applications | \$3,087.51 |
| 2026 | Introduction to Data Science - Building Recommender Systems | \$2,150.48 |
| 2027 | OpenShift Enterprise Administration (CL280) | \$1,358.69 |
| 2031 | Red Hat® Enterprise Performance Tuning (RH442) | \$3,279.60 |
| 2032 | Red Hat® Enterprise Virtualization (RH318) | \$3,279.60 |
| 2033 | Red Hat® JBoss A-MQ Development and Deployment (JB437) | \$1,499.24 |
| 2034 | Red Hat® JBoss Application Administration I (JB248) | \$2,989.12 |
| 2035 | Red Hat® JBoss Application Administration II (JB348) | \$3,185.89 |
| 2038 | Red Hat® OpenStack Administration (CL210) | \$2,525.29 |
| 2039 | Red Hat® Server Hardening (RH413) | \$3,279.60 |
| 2040 | Red Hat® System Administration I (RH124) | \$3,185.89 |
| 2041 | Red Hat® System Administration II (RH134) | \$2,989.12 |



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| 2042 | Red Hat® System Administration III (RH254) | \$2,989.12 |
| 2043 | RHCE Rapid Track (RH299) Course | \$3,279.60 |
| 2044 | RHCSA Rapid Track (RH199) Course | \$3,279.60 |
| 2045 | Advanced Python 3 Programming | \$1,307.15 |
| 2046 | Introduction to Python 3 | \$1,827.20 |
| 2047 | FITSP - Designer Certification | \$2,337.88 |
| 2048 | FITSP Auditor Certification | \$2,337.88 |
| 2049 | FITSP Manager Certification | \$2,337.88 |
| 2050 | FITSP Operator Certification | \$2,337.88 |
| 2051 | Cyber Warfare for Management | \$1,638.86 |
| 2052 | Cyber Warfare for Practitioners | \$1,635.11 |
| 2053 | Network Security Administration for Practitioners | \$1,635.11 |
| 2054 | Network Defense: Security and Vulnerability Assessment | \$1,770.98 |
| 2055 | Configuring CISCO Routers for Network Security | \$1,770.98 |
| 2056 | Securing the Virtual Environment | \$1,770.98 |
| 2057 | Securing SharePoint | \$1,827.20 |
| 2058 | Security in an IPv6 Environment | \$1,677.28 |
| 2059 | Cyber Security: Threat Analysis and Response Solutions | \$1,827.20 |
| 2060 | Incident Response | \$1,827.20 |
| 2061 | Network Intrusion Detection | \$1,827.20 |
| 2062 | Practical Packet Analysis | \$1,827.20 |
| 2063 | Mobile Security | \$1,616.37 |
| 2064 | Securing Microsoft Windows 7 | \$1,677.28 |
| 2065 | PowerShell in Depth | \$1,827.20 |
| 2066 | SCADA - Supervisory Control and Data Acquisition Security | \$4,258.79 |
| 2067 | Securing Web Applications, Services, and Servers | \$1,677.28 |
| 2068 | Penetration Testing: Procedures & Methodologies | \$1,827.20 |
| 2069 | Cyber Threat Counter-Exploitation | \$1,119.75 |
| 2070 | Python Security for Practitioners | \$1,827.20 |
| 2071 | Defending against Social Engineering Attacks | \$1,635.11 |
| 2072 | Network Forensics | \$1,864.69 |
| 2073 | Securing VoIP Networks | \$1,489.87 |
| 2074 | Wireless Safety | \$1,864.6 |
| 2075 | Malware Analysis Training | \$1,864.6 |
| 2076 | Introduction to Cyber Security for Practitioners | \$1,489.8 |
| 2077 | Cloud Security Training | \$1,827.2 |
| 2078 | Virtualization Essentials Professional (VEP) | \$1,494.5 |
| 2034 | 2034: Core Solutions of Microsoft Exchange Server 2013 | \$2,333.20 |
| 3000 | Introduction to Project Management | \$1,026.05 |
| 3002 | Multi-Protocol Label Switching | \$1,236.88 |
| 3003 | TCP/IP Networking | \$1,236.88 |
| 3004 | Voice and Video Over IP (VoIP) | \$3,279.60 |
| 3012 | Certified Authorization Professional(CAP®) | \$1,963.07 |
| 3013 | Client-Server Technology Overview | \$979.19 |
| 10341 | CompTIA Advanced Security Practitioner (CASP) Certification | \$2,337.88 |
| 10342 | CompTIA Cloud+ Certification | \$2,150.48 |
| 10348 | CompTIA Cloud Essentials | \$1,119.75 |
| 10371 | Certified Incident Handler (ECIH) | \$1,532.04 |
| 10372 | Disaster Recovery Professional (EDRP) | \$2,056.78 |
| 10391 | Certified in Risk and Information Systems Control (CRISC) | \$2,056.78 |
| 10711 | Risk Management Framework (RMF) | \$2,014.61 |

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| 10967 | 10967: Fundamentals of a Windows Server Infrastructure | \$2,333.20 |
| 10969 | 10969: Active Directory Services with Windows Server | \$2,333.20 |
| 10970 | 10970: Networking with Windows Server | \$2,333.20 |
| 10972 | 10972: Administering the Web Server (IIS) Role of Windows Server (R2 Update) | \$2,333.20 |
| 10977 | 10977: Updating Your SQL Server Skills to Microsoft SQL Server 2014 | \$2,333.20 |
| 50126 | Microsoft Office Word Level 1 | \$234.26 |
| 50127 | Microsoft Office Word Level 2 | \$234.26 |
| 50128 | Microsoft Office Word Level 3 | \$234.26 |
| 50129 | Microsoft Office PowerPoint Level 1 | \$234.26 |
| 50130 | Microsoft Office PowerPoint Level 2 | \$234.26 |
| 50132 | Microsoft Office Outlook Level 1 | \$234.26 |
| 50133 | Microsoft Office Outlook Level 2 | \$234.26 |
| 50135 | Microsoft Office Access Level 1 | \$234.26 |
| 50136 | Microsoft Office Access Level 2 | \$234.26 |
| 50137 | Microsoft Office Access Level 3 | \$234.26 |
| 2019-1 | AWS Solutions Architect -- Associate | \$2,108.31 |
| 2019-2 | AWS Developer -- Associate | \$2,108.31 |
| 2019-3 | AWS Certified SysOps Administrator - Associate | \$2,108.31 |
| 2019-4 | AWS Solutions Architect -- Professional | \$2,295.72 |
| 2019-5 | AWS DevOps Engineer -- Professional | \$2,295.72 |
| 2019-6 | Network Security Monitoring with Security Onion | \$3,045.34 |
| 2019-7 | ITIL Practitioner | \$2,056.78 |
| 2019-8 | CompTIA CYSA+ | \$2,244.18 |
| 2019-9 | CompTIA PenTest+ | \$2,244.18 |
| 2019-10 | Microsoft Project Level 1 | \$280.17 |
| 2019-11 | Microsoft project Level 2 | \$280.17 |
| 2019-12 | Cyber Threats Detection and Mitigation | \$2,150.48 |
| 2019-13 | Cybersecurity Foundations | \$1,864.69 |
| 2019-14 | Defending the Critical Infrastructure from Cyber Attacks | \$2,056.78 |
| 2019-15 | EC Council Certified Secure Programmers (ECSP) | \$2,431.59 |
| 2019-16 | Certified Network Defender (CND) | \$2,431.59 |
| 2019-17 | Certified Cloud Security Professional (CCSP) | \$2,056.78 |
| 2019-18 | Certification - Certified Secure Software Lifecycle Professional (CSSLP) | \$2,337.88 |
| 2019-19 | Systems Security Certified Practitioner (SSCP) | \$1,869.37 |
| 2019-20 | eMASS Direct User | \$2,431.59 |
| 2019-21 | eMASS Workshop | \$2,244.18 |
| 2019-22 | eMASS Manager Overview | \$1,026.05 |
| 2019-23 | My SQL Workbench | \$1,864.69 |
| 2019-24 | Intro to C Programming | \$2,052.09 |
| 2019-25 | Intermediate C Programming | \$2,052.09 |
| 2019-26 | Basic Network Analysis 101 | \$3,513.85 |
| 2019-27 | Basic Network Analysis 102 | \$3,513.85 |
| 2019-28 | Fundamentals of Communications and Networking | \$1,677.28 |
| 2019-29 | Endpoint Security and Network Access Control | \$1,864.69 |
| 2019-30 | Elk Stack | \$1,864.69 |
| 2019-31 | Introduction to IPv6 | \$1,827.20 |
| 2019-32 | MCSA: Windows 10 - 20698: Installing and Configuring Windows 10 | \$2,618.99 |
| 2019-33 | MCSE 10961: Automating Administration with Windows Powershell | \$2,618.99 |
| 2019-34 | 20742: Identity with Windows Server 2016 | \$2,618.99 |
| 2019-35 | 20740: Installation, Storage, and Computing with Windows Server 2016 | \$2,618.99 |
| 2019-36 | Wireless and Mobile Device Security | \$2,056.78 |



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| 2019-37 | C++ - Programming Language | \$2,056.78 |
| 2019-38 | C# (C Sharp) – Programming Language | \$2,056.78 |
| 2019-39 | Java - Programming Language | \$2,056.78 |
| 2019-40 | Advanced JavaScript | \$1,864.69 |
| 2019-41 | Perl –Programming Language | \$2,056.78 |
| 2019-42 | Ruby – Programming Language | \$1,864.69 |
| 2019-43 | Advanced Ruby – Programming Language | \$2,056.78 |
| 2019-44 | Hadoop for Java Developers | \$1,864.69 |
| 2019-45 | HTML5 | \$1,869.37 |
| 2019-46 | AngularJS – Framework | \$2,056.78 |
| 2019-47 | Spring – Framework | \$2,056.78 |
| 2019-48 | Django – Framework | \$2,056.78 |
| 2019-49 | R Programming | \$2,056.78 |
| 2019-50 | Endpoint Security & Network Access Control | \$1,864.69 |
| 2019-51 | Hacker Techniques, Tools, and Incident Handling | \$1,864.69 |
| 2019-52 | System Forensics, Investigation, and Response | \$1,864.69 |
| 2019-53 | Splunk Essentials | \$1,864.69 |

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| 2021-1 | AI-900T00: Microsoft Azure AI Fundamentals | \$604.38 |
| 2021-2 | Malicious Network Traffic Analysis | \$2,108.31 |
| 2021-3 | Python Deep Learning | \$2,717.38 |
| 2021-4 | Systems Operations on AWS | \$2,038.04 |
| 2021-5 | AWS Certified Solutions Architect (Professional) | \$2,038.04 |
| 2021-6 | Hacker Methodologies for Security Professionals | \$2,061.46 |
| 2021-7 | Microsoft Certified: Azure Fundamentals | \$1,213.45 |
| 2021-8 | AWS Certified Developer (Associate) | \$4,731.05 |
| 2021-9 | Managing Risk in Information Systems | \$1,864.69 |
| 2021-10 | DP-900T00: Microsoft Azure Data Fundamentals | \$698.09 |
| 2021-11 | AI-100T01: Designing and Implementing an Azure AI Solution | \$1,822.52 |
| 2021-12 | Security Engineering on AWS | \$2,038.04 |
| 2021-13 | Burp Suite | \$2,342.57 |
| 2021-14 | Architecting on AWS - Accelerator | \$3,181.21 |
| 2021-15 | Microsoft Certified: Azure Database Administrator Associate | \$2,422.22 |
| 2021-16 | IP6FD v3.0 - IPv6 Fundamentals, Design, and Deployment | \$3,181.21 |
| 2021-17 | Access Control, Authentication, and Public Key Infrastructure | \$1,864.69 |
| 2021-18 | AWS Certified Security (Specialty) | \$4,076.07 |
| 2021-19 | DP-200T01: Implementing an Azure Data Solution | \$1,822.52 |
| 2021-20 | Planning and Designing Databases on AWS | \$2,038.04 |
| 2021-21 | DP-201T01: Designing an Azure Data Solution | \$1,213.45 |
| 2021-22 | AWS Certified Machine Learning (Specialty) | \$4,116.36 |

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| 2021-23 | MCSA Windows Server 2016 | \$6,179.70 |
| 2021-24 | AZ-304T00: Microsoft Azure Architect Design | \$2,422.22 |
| 2021-25 | Microsoft Certified: Azure Solutions Architect Expert | \$5,509.72 |
| 2021-26 | Intro to Java Script | \$1,686.65 |
| 2021-27 | MCSA Windows Server 2016 | \$6,179.70 |
| 2021-28 | Messaging Administrator Associate (Intermediate) | \$3,087.51 |
| 2021-29 | Microsoft Certified: Azure Data Scientist Associate | \$1,822.52 |
| 2021-30 | AWS Certified Data Analytics (Specialty) | \$2,038.04 |
| 2021-31 | Root Cause Analysis | \$1,029.79 |
| 2021-32 | MS-900: Microsoft 365 Fundamentals | \$604.38 |
| 2021-33 | Microsoft Certified: DevOps Engineer Expert | \$3,087.51 |
| 2021-34 | 20463: Implementing a Data Warehouse with Microsoft SQL Server 2014 | \$3,087.51 |
| 2021-35 | Unit Testing with Visual Studio 2017 | \$2,061.46 |
| 2021-36 | Practical Data Science with Amazon SageMaker | \$654.98 |
| 2021-37 | Microsoft 365 Certified: Enterprise Administrator Expert | \$6,175.01 |
| 2021-38 | Cyber Threats Detection and Mitigation | \$2,342.57 |
| 2021-39 | Jira Fundamentals | \$1,030.73 |
| 2021-40 | Unit Testing with Android Studio | \$2,150.48 |
| 2021-41 | Microsoft Certified: Azure Data Fundamentals | \$698.09 |
| 2021-42 | Deep Learning on AWS | \$654.98 |
| 2021-43 | DP-100T01: Designing and Implementing a Data Science Solution on Azure | \$1,822.52 |
| 2021-44 | Microsoft Certified: Azure Administrator Associate | \$2,422.22 |
| 2021-45 | 20461: Querying Microsoft SQL Server 2014 | \$3,087.51 |
| 2021-46 | Windows System Analysis | \$2,295.72 |
| 2021-47 | AWS Certified DevOps Engineer (Professional) | \$4,076.07 |
| 2021-48 | MS-203T00: Microsoft 365 Messaging | \$3,087.51 |
| 2021-49 | AWS Technical Essentials | \$654.98 |
| 2021-50 | DevOps Engineering on AWS Training | \$2,038.04 |
| 2021-51 | ISSAP | \$2,389.42 |
| 2021-52 | ISSEP | \$2,389.42 |
| 2021-53 | AZ-500T00: Microsoft Azure Security Technologies | \$2,422.22 |
| 2021-54 | Securing the Virtual Environment | \$1,770.98 |
| 2021-55 | The Machine Learning Pipeline on AWS | \$2,806.40 |
| 2021-56 | AZ-104T00: Microsoft Azure Administrator | \$2,422.22 |
| 2021-57 | IDA Pro | \$2,342.57 |
| 2021-58 | AWS Certified SysOps Administrator (Associate) | \$2,693.02 |

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| 2021-59 | Network Security Firewalls (Guide to Firewalls and VPNs) | \$1,864.69 |
| 2021-60 | 20462: Administering Microsoft SQL Server 2014 Databases | \$3,087.51 |
| 2021-61 | AZ-220T00: Microsoft Azure IoT Developer | \$2,422.22 |
| 2021-62 | Architecting on AWS Training | \$2,038.04 |
| 2021-63 | Cyber Safety | \$1,489.87 |
| 2021-64 | Advanced Architecting on AWS Training | \$2,038.04 |
| 2021-65 | Jira and Confluence | \$2,056.78 |
| 2021-66 | AZ-900T00: Microsoft Azure Fundamentals | \$1,213.45 |
| 2021-67 | Microsoft Certified: Azure AI Engineer Associate | \$1,822.52 |
| 2021-68 | Microsoft Certified: Azure Data Engineer Associate | \$3,035.97 |
| 2021-69 | AZ-303T00: Microsoft Azure Architect Technologies | \$3,087.51 |
| 2021-70 | Developing on AWS | \$2,038.04 |
| 2021-71 | Network Defense Range | \$2,431.59 |
| 2021-72 | AZ-204T00: Developing solutions for Microsoft Azure | \$3,087.51 |
| 2021-73 | Microsoft Certified: Azure Developer Associate | \$3,087.51 |
| 2021-74 | ISSMP | \$2,389.42 |
| 2021-75 | MS-500T00: Microsoft 365 Security Administration | \$2,422.22 |
| 2021-76 | Network Traffic Analysis | \$2,431.59 |
| 2021-77 | Cloud Practitioner Essentials | \$654.98 |
| 2021-78 | Managing Risk in Information Systems | \$1,864.69 |
| 2021-79 | Microsoft Certified: Azure Security Engineer Associate | \$2,422.22 |
| 2021-80 | Microsoft 365 Certified: Teams Administrator Associate | \$2,422.22 |
| 2021-81 | Big Data on AWS Training | \$2,038.04 |
| 2021-82 | MS-700T00: Managing Microsoft Teams | \$2,422.22 |
| 2021-83 | AWS Certified Cloud Practitioner | \$654.98 |
| 2021-84 | Microsoft 365 Certified: Fundamentals | \$604.38 |
| 2021-85 | AWS Certified Solutions Architect (Associate) | \$5,874.23 |
| 2021-86 | DP-300T00: Administering Relational Databases on Microsoft Azure | \$2,422.22 |
| 2021-87 | Access Control, Authentication, and Public Key Infrastructure | \$1,864.69 |
| 2021-88 | Microsoft Certified: Azure AI Fundamentals | \$604.38 |
| 2021-89 | Assembly Language Programming | \$2,811.08 |
| 2021-90 | Risk Management Framework for DoD Security Control Assessors | \$1,864.69 |
| 2021-91 | AWS Certified Database (Specialty) | \$2,038.04 |
| 2021-92 | Advanced Developing on AWS | \$2,038.04 |

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| 2021-93 | MS-100T00: Microsoft 365 Identity and Services | \$3,087.51 |
| 2021-94 | MS-101T00: Microsoft 365 Mobility and Security | \$3,087.51 |
| 2021-95 | AZ-400T00: Designing and Implementing Microsoft DevOps solutions | \$3,087.51 |
| 2021-96 | Network Security Monitoring with Security Onion | \$3,045.34 |
| 2021-97 | Linux for Developers | \$2,150.48 |
| 2021-98 | Docker | \$2,178.59 |
| 2021-99 | Information Security Risk Assessment through Data Collection and Analysis | \$1,864.69 |
| 2021-100 | Microsoft Certified: Azure IoT Developer Specialty | \$2,422.22 |
| 2021-101 | Microsoft 365 Certified: Security Administrator Associate | \$2,422.22 |
| 2021-102 | Advanced Jira | \$1,405.54 |

| Course Number | Course Title | GSA Price |
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| 2022-1 | Certified Chief Information Security Officer (CCISO) | \$4,446.20 |
| 2022-2 | Cisco Certified Network Associate-Security (CCNA-Security) | \$4,024.53 |
| 2022-3 | Cisco Certified Network Professional-Security (CCNP-Security) | \$8,611.28 |
| 2022-4 | SCOR - Implementing and Operating Cisco Security Core Technologies | \$4,586.75 |
| 2022-5 | SVPN - Implementing Secure Solutions with Virtual Private Networks | \$4,305.64 |
| 2022-6 | CyberSec First Responder (CFR) | \$2,244.18 |
| 2022-7 | GIAC Certified Enterprise Defender (GCED) | \$7,954.43 |
| 2022-8 | GIAC Certified Forensic Analyst (GCFA) | \$7,954.43 |
| 2022-9 | GIAC Certified Incident Handler (GCIH) | \$7,954.43 |
| 2022-10 | GIAC Certified Intrusion Analyst (GCIA) | \$7,954.43 |
| 2022-11 | GIAC Global Industrial Cyber Security Professional (GICSP) | \$8,329.24 |
| 2022-12 | GIAC Security Essentials Certification (GSEC) | \$7,954.43 |
| 2022-13 | GIAC Security Leadership Certificate (GSLC) | \$7,532.77 |
| 2022-14 | GIAC Systems and Network Auditor (GSNA) | \$7,954.43 |
| 2022-15 | AWS Certified Advanced Networking (Specialty) | \$646.55 |
| 2022-16 | Microsoft Office SharePoint Level 1 | \$280.17 |
| 2022-17 | Microsoft Office SharePoint Level 2 | \$280.17 |
| 2022-18 | Microsoft Office SharePoint Level 3 | \$280.17 |
| 2022-19 | Microsoft Office Excel Level 1 | \$280.17 |
| 2022-20 | Microsoft Office Excel Level 2 | \$280.17 |
| 2022-21 | Microsoft Office Excel Level 3 | \$280.17 |
| 2022-22 | Microsoft Office Project Level 3 | \$280.17 |
| 2022-23 | Microsoft Office Power Point Level 3 | \$280.17 |
| 2022-24 | Microsoft 365 Certified: Developer Associate | \$2,806.40 |
| 2022-25 | Microsoft 365 Certified: Modern Desktop Administrator Associate | \$2,806.40 |
| 2022-26 | Microsoft Certified: Windows Virtual Desktop Specialty | \$2,618.99 |
| 2022-27 | Microsoft Certified: Azure Stack Hub Operator Associate | \$2,618.99 |
| 2022-28 | Microsoft Certified: Azure for SAP Workloads Specialty | \$2,618.99 |

Phoenix TS SIN 54151S Labor Categories

Project Manager

Functional Responsibilities: Responsible for leading small or medium sized IT related projects including project planning and control, task scheduling and management, oversight of deliverable production, and project quality review. Oversees administrative functions including adherence to contract terms and conditions and project financial management.

Serves as the designated liaison and reports on progress regularly.

Minimum General Experience: At least seven (7) years of work experience in managing IT projects from inception to completion. Must possess extensive knowledge related to life cycle and project management methodologies as well as a management level knowledge of IT related technologies such as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement.

Minimum Education: Bachelor's Degree in business administration, public administration, management, engineering or relevant technical discipline.

Applicable training or certification requirements: PMP

Senior Subject Matter Expert

Functional Responsibilities: Provides the highest level of technical subject matter expertise when consulting with client executives, management and technical staff on the most critical substantive components of projects in technical areas relevant to client needs. Uses technical expertise in project specific areas to engage clients, understand needs and ensure successful implementations.

Possesses expertise in one or several areas including but not limited to software development, cyber security, networking, protocols, information systems architecture, database management and implementation, life- cycle management and risk management.

Minimum General Experience: At least ten (10) years of work experience in the IT field specific to the course being developed, such as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement. Minimum Education: Advanced degree in relevant technical discipline or equivalent work experience.

Applicable training or certification requirements: Technical certification requirement depends on the course and technical subject matter to be developed.

Subject Matter Expert

Functional Responsibilities: Consults with client executives, management and technical staff on substantive components of projects in technical areas relevant to client needs. Uses technical



Phoenix TS

expertise in project specific areas to engage clients, understand needs and ensure successful implementations. Assists Senior Subject Matter Expert throughout the Information Technology courseware development project. Possesses expertise in one or several areas including but not limited to software development, cyber security, networking, protocols,

information systems architecture, database management and implementation, life-cycle management and risk management.

Minimum General Experience: At least five (5) years of work experience in the IT field specific to the course being developed, such as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement

Minimum Education: Bachelor's Degree in relevant technical discipline or equivalent work experience.

Applicable training or certification requirements: Technical certification requirement depends on the course and technical subject matter to be developed.

Senior Instructional Designer

Functional Responsibilities: Provides instructional design and development services for IT training courseware projects using the latest tools and techniques. Designs, develops, and evaluates pilot IT training programs. Expertise and experience in developing technology mediated instruction. Reviews and recommends technical training materials to clients.

Observes delivery of technical training courses to ensure course objectives are met.

Minimum General Experience: 10 or more years of experience in instructional design for IT based training courses. Expertise in adult learning methodologies as they relate to the instruction of technology related material such as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement.

Minimum Education: Master's Degree in relevant technical discipline or equivalent work experience.

Applicable training or certification requirements: None

Instructional Designer

Functional Responsibilities: Provides instructional design and development services for IT training courseware projects using the latest tools and techniques. Designs, develops, and evaluates pilot IT training programs in areas as such as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement. Expertise and experience in developing technology mediated instruction.

Reviews and recommends technical training materials to clients. Observes delivery of technical training courses to ensure course objectives are met. Assists Senior Instructional Designer throughout the courseware development project.



Minimum General Experience: Five (5) or more years of experience in instructional design for IT based training courses. Expertise in adult learning methodologies as they relate to the instruction of the IT technology related material.

Minimum Education: Bachelor's Degree in relevant technical discipline or equivalent work experience.

Applicable training or certification requirements: None

Graphic Designer

Functional Responsibilities: Develops presentation standards and manages the production of specialized work products for technical training courses including workbooks, training manuals and automated presentation media material in areas as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement. Provides technical knowledge and expertise on digital photography, computer graphics, videography, Flash animations, etc. Designs effective user interface and navigation elements in software products as well as IT related technical courseware.

Minimum General Experience: At least three (3) years of work experience in graphics design, desktop publishing, and administrative software applications and the development of effective user experiences and navigation with software as well as IT courseware. Extensive experience with Adobe Photoshop. Must be well versed in desktop publishing and web authoring tools.

Minimum Education: Associates Degree or equivalent professional experience.

Graphic Artist

Functional Responsibilities: Develops presentation standards and manages the production of specialized work products for technical training courses including workbooks, training manuals and automated presentation media in areas as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement. Provides technical knowledge and expertise on digital photography, computer graphics, videography, Flash animations, etc.

Minimum General Experience: At least three (3) years of work experience in graphics design, desktop publishing, and the development of effective user experiences and navigation with software as well as IT courseware. Extensive experience with Adobe Photoshop. Must be well versed in desktop publishing and web authoring tools.

Minimum Education: Associates Degree or equivalent professional experience.

Technical Editor

Functional Responsibilities: Edits, organizes, corrects and finalizes material for IT technical courses in areas as software development, cyber security, networking, protocols, and other pertinent subject

matter relevant to the client's requirement. Checks material for technical accuracy, educational value, comprehension and overall quality.

Minimum General Experience: At least six (6) years of experience in the field of IT related technical editing which may include user manuals, training materials, installation guides,

technical documentation, proposals and reports. Advanced Microsoft Office skills as well as basic knowledge of course specific IT related content.

Minimum Education: Bachelor's Degree in English, journalism, communications or related technical discipline.

Technical Writer

Functional Responsibilities: Develops IT related courseware content based on the expertise of subject matter experts and the specifications of instructional designers in areas as software development, cyber security, networking, protocols, and other pertinent subject matter relevant to the client's requirement. Consolidates and formats any documentation that may be provided by technical personnel into language that is easily understandable. To do so, the Technical Writer must be familiar with the concepts and techniques used by engineers, analysts, programmers and other technical disciplines.

Minimum General Experience: At least three years of experience in developing IT technical course content, web copy, user manuals, training materials, installation guides, technical documentation, proposals, reports or similar technical writing experience. Advanced Microsoft Office skills as well as basic knowledge of course specific IT related content.

Minimum Education: Associate's Degree in English, journalism, communications or related technical discipline.

IT Program Manager

Functional Responsibility: Maintains information technology strategies by managing staff; researching and implementing technological strategic solutions. Performs day-to-day management several projects, teams and locations. Organize, direct, and coordinate the planning and production of supporting activities. Demonstrate written and oral communication skills. Establish and alter management structure to direct effective contract support activities efficiently.

Education: Bachelors of Arts or Bachelors of Science, advanced degree preferred.

General Experience: Must have 12 years of IT experience, including at least 8 years of IT management experience.

Cyber Security Expert I

Functional Responsibility: Supporting the implementation of Cyber Security projects by assisting with the adherence of devices; evaluating vendor solutions; assisting with coordination of

vulnerability testing; assisting with review of programs, policies, procedures and standards surrounding cyber security best practices.

Education: BS or BA degree in computer information systems, computer science or a related discipline. CISSP or GCIH a plus.

General Experience: 2+ years professional work experience in Cyber Security Preferred. Strong analytical and problem solving skills. Experience with System and Network Administration (Windows, Linux, AIX, Cisco, Juniper, etc.)

Cyber Security Expert II

Functional Responsibility: Work with a team to solve complex problems, information assurance, and weaknesses. Prevention of cyber security incidents via threat analysis, patch and vulnerability management, countermeasure deployment, and security related application administration. The ability to detect and prevent potential intrusions in real time.

Education: BS or BA degree in computer information systems, computer science or a related discipline. CISSP or GCIH a plus.

General Experience: 3-5 years of progressive experience in Information Security. 5-7 years professional work experience in Cyber Security Preferred. In-depth experience reviewing raw log files, and performing data correlation, and analysis (i.e. firewall, network flow, IDS, system logs).

Cyber Security Expert III

Functional Responsibility: Responsible for determining security standards. Develop and implement information security standards and procedure. Provide tactical security advice and examine the ramifications of new technologies. Ensure that all information is functional and secure. Provide leadership in refining and growing the relevant portions of security policies and architectures.

Education: BS or BA degree in computer information systems, computer science or a related discipline. CISSP or GCIH

General Experience: 8-10 years of experience in information security. Minimum 5 years of cyber security and vulnerability management or penetration testing experience. Experience in deploying and operating vulnerability scanning infrastructure and service.

IT Technical Staff I

Functional Responsibility: Responsible for software and system design, integration, installation and administration. Ensure that all software programs and systems meet functional/operational specifications. Provide functional direction and oversight of quality assurance; technical correctness and progress reports.

Education: BS or BA degree in Computer Science or significant experience may be substituted for degree requirements preferred.



General Experience: 0 to 2 years of experience in Software development; system design and integration; system development and database design/development.

IT Technical Staff II

Functional Responsibility: Responsible for software/system design, integration, installation and administration. Ensure that all software/system programs meet functional/operational specifications. Provide functional direction and oversight to lower level personnel who are assigned to the task order; quality assurance; technical correctness, timeliness, and quality of deliverables; and prepares progress reports.

Education: BS or BA degree in Computer Science or significant experience may be substituted for degree requirements preferred.

General Experience: 2 to 4 years of experience in Software development; system design and integration; development and database design/development.

IT Technical Staff III

Functional Responsibility: Responsible for software/system design, integration, installation and administration. Ensure that all software/system programs meet functional/operational specifications. Provide functional direction and oversight to lower level personnel who are assigned to the task order; quality assurance; technical correctness, timeliness, and quality of deliverables; and prepares progress reports.

Education: BS or BA degree in Computer Science or significant experience may be substituted for degree requirements preferred.

General Experience: Minimum of five years of experience in software development; system design and integration; imaging system development and database design/development in support of document management.

System Administrator I

Functional Responsibility: Under the direction and supervision of senior systems administrator, you will provide the following; system backup/recovery, basic software management, security management, and library management. Must be able to operate computer systems in different operating environments. Knowledge of hardware/software trouble shooting and resource allocation. Education: BS or BA degree in Computer Science is preferred.

General Experience: Entry-level position with knowledge of computer systems and data communications.

Systems Administrator II

Functional Responsibility: System backup/recovery, basic software management, security management, library management, operating computer systems, sizing, performance, tuning,

hardware/software troubleshooting, and resource allocation. Individual shall have a thorough knowledge of applicable hardware/software capabilities and configurations.

Education: BA or BS in Computer Science, Engineering or other business related is preferred. General Experience: 2 to 5 years in system administration, one year of which is on the particular system identified in the task order.

Systems Administrator III

Functional Responsibility: Provide work direction to lower-level staff. Should have a thorough understanding of the client's applicable hardware/software capabilities and configurations. This includes system backup/recovery, basic software management, security management, and library management, operating computer systems in different operating environments, sizing, performance, tuning, hardware/software trouble shooting and resource allocation.

Education: BA or BS in Computer Science, Engineering or other business related is preferred. General Experience: Five to ten years hands-on technical experience with computer systems and data communications.

Software Engineer I

Functional Responsibility: Investigate, interpret, and evaluate system software requirements. Analyze existing software systems and subsystems and increase their scope and performance. Develop software algorithms, designs, codes, and documents to ensure compliance with software engineering standards. May provide technical direction and guidance for software developers and engineers involved in modifications or development of software systems.

Education: Bachelor 's degree in Computer Science or related discipline is preferred. General Experience: One to three years of related experience or equivalent combination of experience and training in software engineering.

Software Engineer II

Functional Responsibility: Investigate, interpret, and evaluate system software requirements. Analyze existing software systems and subsystems and increase their scope and performance. Develop software algorithms, designs, codes, and documents to ensure compliance with software engineering standards. May provide technical direction and guidance for software developers and engineers involved in modifications or development of software systems.

Education: Bachelor 's degree in Computer Science or related discipline is preferred. General Experience: Four to seven years of related experience or equivalent combination of experience and training in complex software engineering.

Software Engineer III

Functional Responsibility: Investigate, interpret, and evaluate system software requirements. Analyze existing software systems and subsystems, and increase their scope and performance.



Develop software algorithms, designs, codes, and documents to ensure compliance with software engineering standards. May provide technical direction and guidance for software developers and engineers involved in modifications or development of software systems. Education: Bachelor's degree in Computer Science or related discipline is preferred. General Experience: Eight to twelve years of related experience or equivalent combination of experience and training in highly complex software engineering.

Systems Analyst I

Functional Responsibility: Showcases ability to design, development and support computer systems. Plan and develop new computer systems or devise ways to apply existing systems' resources to additional operations.

Education: Associate degree.

General Experience: 1-3 years of general experience in systems analysis or programming is preferred.

Systems Analyst II

Functional Responsibility: Provides highly technical expertise in design, development and support of computer systems. Plan and develop new computer systems or devise ways to apply existing systems' resources to additional operations.

Education: BS or BA degree in Computer Science is preferred.

General Experience: 3-5 years of general experience in systems analysis or programming is preferred.

Systems Analyst III

Functional Responsibility: Expert ability to design, develop and support computer systems. Plan and develop new computer systems or devise ways to apply existing systems' resources to additional operations. The ability to implement, modify and analyze new systems and measure their effectiveness while meeting company standards and policy.

Education: BS or BA degree in Computer Science preferred.

General Experience: 5-8 years of general experience in systems analysis or programming is preferred.

Computer Programmer

Functional Responsibility: Analyzes all system specifications and designs, while developing, modifying, and installing complex and customized software. Conduct detailed analyses of defined system specifications, and prepares associated documentation. Take system design specifications and customize software to meet application requirements. Enhances software to reduce operating time or improve efficiency. May include programming experience with various programming languages and database systems.

Education: BS or BA degree in Computer Science is preferred.

General Experience: 3-5 years of general experience in information technology or programming is preferred.

Database Administrator

Functional Responsibility: General scripting knowledge for exporting and importing data. Communicate and work together with application developers and architects to design data structures that support application requirements. Provide day-to-day development, administration and technical expertise for the deployment, integration and management of various databases. Support logical and physical data modeling and design by ensuring that database definitions conform to naming standards. Communicate urgent issues with management and non-database personnel.

Minimum Education: A Bachelor's Degree in Computer Science or Engineering preferred. General Experience: 2-4 years of experience in Database Management System (DBMS) design and systems analysis, operating systems software internal architecture, high level and data manipulation languages.

Senior Database Administrator

Functional Responsibility: Duties include but are not limited to providing highly technical expertise and guidance in the definition, control integrity, and uniformity of DBMS. Responsible for designing, developing, modifying, and evaluating programs for internal functional areas. Responsible for planning, coordinating, and administration of DBMS, including base definition, structures, documentation, upgrades, long-range requirements, operational guidelines, and protection. Formulate and monitor policies, procedures, and standards relating to database management. Works on problems of diverse scope where analysis of data requires evaluation of identifiable factors. Exercises judgment within generally defined practices and policies in selecting methods and techniques for obtaining solutions.

Minimum Education: MS in Computer Science or Engineering preferred.

General Experience: 4-8 years of progressively more difficult experience in Database Management System (DBMS) design and systems analysis, operating systems software internal architecture, high level and data manipulation languages. Experience may also be in DBMS analysis on significant projects, including experience in designing and building databases.

Security Analyst I

Functional Responsibility: A Security Analyst I (SAI) shall be able to perform the following tasks: developing and preparing technical documents; writing technical papers, interaction with customers to gather design and development inter-networking concepts, theories, and information including the installation of inter-networking equipment, setup test equipment and document test results in a meaningful format for future integration into test result reports. A SAI shall be required to initiate tasks, and complete them under the direction of a Program Manager. Performs certification for C&A processes for the accreditations of systems. The SAI performs vulnerability analysis and assessment



using either government or commercial off the shelf technologies. Education: BS or BA degree in Computer Science is preferred.

General Experience: 0-2 years of experience in information security is preferred

Security Analyst II

Functional Responsibility: A Security Analyst II (SAII) shall be able to perform the following tasks, with minimal direction: developing and preparing technical documents; writing technical papers, interaction with customers to gather design and development inter- networking concepts, theories, and information; perform technical engineer duties to include but not be limited to installation of inter-networking equipment, setup test equipment, execute tests according to written procedures, and document test results in a meaningful format for future integration into test result reports. The SAII shall understand inter- networking, networks, and computer concepts, and have technical expertise in engineering secure network. The SAII shall possess personnel computer skills at a level where they can capture preliminary and detailed information to complete follow-on tasks. Performs certification for C&A processes for the accreditations of systems. The SAI performs vulnerability analysis and assessment using either government or commercial off the shelf technologies.

Education: BS or BA degree in Computer Science is preferred.

General Experience: 2-5 years of experience in information security is preferred

Security Analyst III

Functional Responsibility: Conduct Information System audits, adhere to standards and use common procedures/techniques in the performance of an audit. Analyze and evaluate the policies, access controls, management and organizational structures, operating procedures, and control environment of departments processing information. Identify and evaluate user requirements, risks, exposures and controls in specific applications during the development or acquisition phase. Formulate, review, and revise procedures necessary to implement system security in accordance with higher level regulatory requirements. Reviews all safeguard procedures to measure the effectiveness of the total system security.

Education: BS or BA degree in Computer Science is preferred.

General Experience: 4-7 years' experience in information security is preferred

IT Consultant

Functional Responsibility: Provide the analysis and engineering of information systems, defining requirements and limitations, system testing, and developing engineering plans/schedules. Minimum Education: A Bachelors Degree in Computer Science, Computer Engineering or related field.

General Experience: 2 – 5 years of experience in information systems. Knowledge of current developments in such areas as information systems hardware, software, databases, communication protocols, and networking.

IT Senior Consultant

Functional Responsibility: Duties include but are not limited to providing technical direction, analysis and engineering of information systems, defining requirements and limitations, technical guidance and direction, system testing, and developing engineering plans/schedules. Defines group direction from loosely given guidance, interfacing with the customer and Subject Matter Experts to extract program information and provide future network development guidance to the engineering staff. A demonstrated ability to work independently without significant oversight and will be empowered to make decisions.

Possess strong communication, and team work skills.

Minimum Education: A Master's Degree in Computer Science or Computer Engineering or related field.

General Experience: 4 - 8 years specialized experience in engineering information systems. Working knowledge of current and anticipated developments in such areas as information systems hardware, software, databases, communication protocols, and networking.

Supervisory experience as a Team Leader.

IT Principal Consultant

Functional Responsibility: Duties include but are not limited to providing technical supervision, analysis and engineering of information systems, defining requirements and limitations, technical guidance and direction, system testing, and developing engineering plans/schedules. Defines group direction from loosely given guidance, interfacing with the customer and Subject Matter Experts to extract program information, mentoring less experience team members, assisting in the determination of overall results analysis approach, and provides future network development guidance to the engineering staff. Works independently without significant oversight and will be empowered to make decisions.

Principal Consultant can perform the physical, functional, system, data, and component analysis and architecture comprehension. Has demonstrated and tested leadership, communication, and team work skills. Regularly presents findings to groups of varying sizes. Leads a team of varying engineering experience and managing overall activities to a defined schedule.

Minimum Education: A Master's Degree in Computer Science or Engineering.

General Experience: 7 - 12 years specialized experience in engineering large information systems and general experience in a related field. Working knowledge of current and anticipated developments in such areas as information systems hardware, software, databases, communication protocols, and networking. Demonstrated supervisory experience as a Team Leader or Department Director.



PhoenixTS

Network Engineer I

Functional Responsibility: Give support to other network support staff. Perform day-to-day network operations duties and provide customer support.

Minimum Education: BS or BA degree in Computer Science or a related discipline is preferred.
General Experience: 0 to 2 years experience in electronics, data communications or telecommunications positions is preferred with progressive experience with in a networking environment.

Network Engineer II

Functional Responsibility: Give support to other network support staff. Perform day to day network operations duties and provide customer support. Can perform the following tasks with little oversight; network design, engineer and plan overall site activities, including inside and outside plant specifications, equipment room layouts, and hardware configuration.

Minimum Education: BS or BA degree in Computer Science or a related discipline is preferred.
General Experience: 2 – 5 years experience in electronics, data communications or telecommunications positions is preferred with progressive experience with in a networking environment.

Network Engineer III

Functional Responsibility: Design, engineer and plan overall site activities, including inside and outside plant specifications, equipment room layouts, and hardware configuration.

Formulate logical designs of system problems and devise procedures for solutions to the problems. Give support to other network support staff. Assist the Project Manager in the determination of labor hours and categories needed to perform site surveys resulting from a network design Task Order. Oversee all technical documentation activities and determine documentation specification methods and technical support manuals.

Education: BS or BA degree in Computer Science or a related discipline is preferred. General Experience: 4-7 years experience in electronics, data communications or telecommunications positions is preferred with progressive experience designing and/or installing LANs.

Network Administrator I

Functional Responsibility: Give support to other network support staff. Perform day-to-day network operations duties and provide customer support.

Education: BS or BA degree in Computer Science or a related discipline is preferred. General Experience: 0 to 2 years experience in electronics, data communications or telecommunications positions is preferred with progressive experience with in a networking environment.

Network Administrator II

Functional Responsibility: Can perform the installation and configuration of network hardware/software to meet and follow an established network policy. Establish detailed fault management, configuration control, and performance monitoring. The ability to execute the activation, back-up, deactivation, and restart of network resources/services. Advice on operational impacts of network expansions, additions, upgrades, and reconfiguration in hardware/software suites.

Education: BS or BA degree in Computer Science or a related discipline is preferred. General Experience: 2-5 years of experience with design, installation, operation, maintenance and detailed knowledge of network administration.

Network Administrator III

Functional Responsibility: Carries out the installation and configuration of network hardware/software to meet and follow an established network policy. Establish detailed fault management, configuration control, and performance monitoring. Proficient in the activation, back-up, deactivation, and restart of network resources/services. Problem isolation and correction; performance monitoring; and configuration control. Certification/recertification actions. Ability to give professional advice on operational impacts of network expansions, additions, upgrades, and reconfiguration in hardware/software suites.

Education: BS or BA degree in Computer Science or a related discipline is preferred. General Experience: 4 - 8 years of experience with design, installation, operation, maintenance and detailed knowledge of network administration.

Subject Matter Expert II

Functional Responsibility: Serves as source of broad general knowledge of systems engineering, systems analysis and design, software integration, and software development with an in-depth expertise in at least one of these areas. Primary function is to perform complex technical efforts in specialty area by serving either as senior technical staff member on a large project or as a leader of a small, specialized project. Requires knowledge of a specific professional technical field to define and solve new information processing system problems, develop engineering designs, and conduct analyses and experiments in the area of discipline. Knowledge in this discipline should be comparable to that which could be acquired through completion of a Graduate level curriculum leading to a Master's Degree in the specific field.

Education: BA or BS in business or related field required. Advance Degree desired. General Experience: 6-9 years of broad professional level experience, including three years of management experience with demonstrated proficiency in systems engineering, analysis and programming with wide exposure to interrelated activities. Requisite Certifications desired.

Subject Matter Expert III



Functional Responsibility: Serves as source of broad general knowledge of systems engineering, systems analysis and design, software integration, and software development with an in-depth expertise in at least one of these areas. Primary function is to perform complex technical efforts in specialty area by serving either as senior technical staff member

on a large project or as a leader of a small, specialized project. Other functions are to provide, within the specialty area, quick response problem resolution, internal and external training, and marketing support to translate advanced technology theory into specific, practical applications of use for the corporation. Requires knowledge in a specific professional technical field to define and solve new information processing system problems, develop engineering designs, and conduct analyses and experiments in the area of discipline.

Knowledge in this discipline should be comparable to that which could be acquired through completion of a Graduate level curriculum. Requires thorough knowledge of the principles and concepts of management and applicable knowledge of business practices, business organization, and cost accounting practices.

Education: BA or BS in Business or related field required. Advance Degree desired.

General Experience: 8-12 years of broad professional level experience, including three years of management experience with demonstrated proficiency in systems engineering, analysis and programming with wide exposure to interrelated activities. Requisite Certifications desired.

Configuration Manager II

Functional Responsibility: Analyze proposed product design changes to determine the effect on the overall system. Ensure configuration identification by reviewing design release documents for completeness. Prepare waivers for government approval when specifications cannot be met. Draft configuration analysis plans to encompass contractual requirements. Education: Bachelor's Degree in Computer Science or an associated discipline is preferred. General Experience: 3 to 6 years of overall industry experience, along with 2 to 4 years of related experience or an equivalent combination of education and training that provides the required knowledge, skills, and abilities.

Configuration Manager III

Functional Responsibility: Analyze proposed product design changes to determine the effect on the overall system. Ensure configuration identification by reviewing design release documents for completeness and authorizations. Prepare deviations and waivers for government approval when specifications cannot be met. Compile audit information. May audit subcontractor's inspection or technical document preparation procedures to verify compliance with contract requirements. Prepare manual or automated records of parts design change documents. Reviews contracts and determines configuration requirements. Assists in the development and maintenance of database. Education: Bachelor's Degree in Computer Science or an associated discipline is preferred. General Experience: 5 to 10 years of overall industry experience, along with 4 to 6 years of related experience



or an equivalent combination of education and training that provides the required knowledge, skills, and abilities.

Help Desk Technician I

Functional Responsibility: Provide technical support, guidance, problem resolution, and installation of hardware and software systems.

Education: High school diploma.

General Experience: One (1) year of relevant work experience/education.

Help Desk Technician II

Functional Responsibility: Provide technical support and guidance, problem resolution, and installation of hardware and software systems. Perform maintenance and configuration support for computer and networked equipment. Troubleshoot applications, email and operating system problems.

Minimum Education: High school diploma.

General Experience: Three (3) years of relevant work experience/education.

Help Desk Technician III

Functional Responsibility: Provide technical support and guidance, problem resolution, and installation of hardware and software systems. Perform maintenance and configuration support for computer and networked equipment. Troubleshoot applications, email and operating system problems. Assist with high level enterprise wide architecture problems, network problems and associated help desk documentation and systems support.

Minimum Education: High school diploma and A+ certification.

General Experience: Five (5) years of relevant work experience/education.

Quality Assurance I

Functional Responsibility: Provide technical and administrative direction for personnel performing software tasks, including the review of work products for adherence to the design concept and user standards, the review of program documentation to assure government standards are adhered to, and for progress in accordance with schedules. Coordinate with the Project Manager and/or Quality Assurance Manager to ensure that user problems are solved. Make recommendations, if needed, for approval of major systems installations. Prepare milestone status reports and presentations on system concepts to colleagues, subordinates, and end user representatives.

Education: Bachelors of Arts or Bachelors of Science.

General Experience: 3-5 years of relevant work experience/education or an Advanced Degree.

Quality Assurance II

Functional Responsibility: Develop and implement quality control methodologies to ensure quality assurance standards, guidelines, and procedures are met in a large computer-based organization. Develop and define major and minor characteristics of quality including quality metrics and scoring parameters for an actual task order. Establish and maintain a process for evaluating hardware, software, and associated documentation and/or assist in the evaluation.

Conduct and participate in the formal and informal reviews at pre-determined points throughout the development life cycle.

Education: Bachelors of Arts or Bachelors of Science.

General Experience: 7+ years of relevant work experience or 3+ years of relevant work experience and an Advanced Degree.

Technical Administrative

Functional Responsibility: Provide administrative support to IT departments. Perform a wide range of clerical and administrative duties including the typing, filing and tracking of time records, word processing, dictation, and composition of correspondence. Plan and produce correspondence, proposals, memos, and other documentation. The ability to operate Excel. Proofread completed documents. Provide copying and production support as needed.

Commensurate experience and education. Education: Associate Degree.

General Experience: 2+ years of relevant work experience or a BS/BA in a related field.

Information Assurance Security Specialist I

Functional Responsibility: Analyze and define security requirements for Multilevel Security (MLS) issues. Gather and organize technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Perform risk analyses, which also includes risk assessment.

Education: Bachelors of Arts or Bachelors of Science.

General Experience: 1-5 years of relevant work experience or an Advanced Degree.

Information Assurance Security Specialist II

Functional Responsibility: Analyze and define security requirements for MLS issues. Design, develop, engineer, and implement solutions to MLS requirements. Guide effort to gather and organize technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the MLS arena. Perform risk analyses which also includes risk assessment. Develop security standards.

Education: Bachelors of Arts or Bachelors of Science.

General Experience: 10+ years of relevant work experience or 5 years of relevant work experience and an Advanced Degree.



Technical Instructor I

Functional Responsibility: Educate end users on various software applications via hands-on classroom training as well as a one-on-one session for end users who require individual attention. This process focuses on the specific functionality of each application yet goes on to include the synergies between the applications. The trainer also identifies any changes to the

system that have come to fruition from end user recommendations during the training. Education: Bachelor's Degree in/or related field is preferred, but not required if equivalent experience and education is held (i.e. A+ certification plus Associate's Degree). Holding MCT, CTT+ or other industry recognized trainer certifications.

General Experience: 0-4 years' experience in adult education, or a Bachelor's degree in a related field.

Technical Instructor II

Functional Responsibility: Must be flexible, personable, reliable and professional. The main job of an Instructor II is to provide students with the technical support, guidance, problem resolution, and installation of hardware and software systems they need. Perform maintenance and configuration support for computer and networked equipment. Education: Bachelor's Degree in/or related field is preferred, but not required if equivalent experience and education is held (i.e. A+ certification plus Associate's Degree). Holding MCT, CTT+ or other industry recognized trainer certifications.

General Experience: 5+ years experience in adult education through creating documentation, designing training sessions and conducting training for users.

Technical Instructor III

Functional Responsibility: Ability to handle a mix of travel destinations. Working with IT personnel and user community to identify IT training solutions to business needs. Analyzing training material for updates and designing/creating training materials as necessary, while performing the training of those materials.

Education: Bachelor's degree from four-year College or university; or five (5) years of relevant experience; or a combination of education and experience. Holding MCT, CTT+ or other industry recognized trainer certifications.

General Experience: 10+ years experience in adult education through creating documentation, designing training sessions and conducting training for users. Excellent customer service and learning skills. Experience in training high level IT certifications.

Phoenix TS SIN 54151S GSA Pricing

Proposed Labor Category

Unit

GSA

Rate w/ IFF

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| Project Manager | Hour | \$220.00 |
| Senior Subject Matter Expert | Hour | \$220.50 |
| Subject Matter Expert | Hour | \$153.00 |
| Sr. Instructional Designer | Hour | \$116.00 |
| Instructional Designer | Hour | \$85.00 |
| Graphic Designer | Hour | \$117.00 |
| Graphic Artist | Hour | \$90.00 |
| Technical Editor | Hour | \$85.00 |
| Technical Writer | Hour | \$112.00 |
| Program Manager | hour | \$131.18 |
| Cyber Security Expert I | hour | \$ 79.64 |
| Cyber Security Expert II | hour | \$ 93.70 |
| Cyber Security Expert III | hour | \$121.81 |
| Technical Staff I | hour | \$ 76.83 |
| Technical Staff II | hour | \$ 90.89 |
| Technical Staff III | hour | \$104.94 |
| System Administrator I | hour | \$ 70.27 |
| Systems Administrator II | hour | \$ 82.45 |
| Systems Administrator III | hour | \$101.19 |
| Software Engineer I | hour | \$ 70.65 |
| Software Engineer II | hour | \$100.26 |
| Software Engineer III | hour | \$129.30 |
| Systems Analyst I | hour | \$ 79.64 |
| Systems Analyst II | hour | \$ 89.01 |
| Systems Analyst III | hour | \$ 98.38 |
| Computer Programmer | hour | \$112.44 |
| Database Administrator | hour | \$ 79.64 |
| Senior Database Administrator | hour | \$119.00 |
| Security Analyst I | hour | \$ 71.21 |

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| Security Analyst II | hour | \$ 93.70 |
| Security Analyst III | hour | \$122.74 |
| IT Consultant | hour | \$ 73.65 |
| IT Senior Consultant | hour | \$119.93 |
| IT Principal Consultant | hour | \$148.04 |
| Network Engineer I | hour | \$ 46.95 |
| Network Engineer II | hour | \$ 89.01 |
| Network Engineer III | hour | \$107.75 |
| Network Administrator I | hour | \$ 65.59 |
| Network Administrator II | hour | \$ 80.58 |
| Network Administrator III | hour | \$100.26 |
| Subject Matter Expert II | hour | \$131.18 |
| Subject Matter Expert III | hour | \$168.66 |
| Configuration Manager II | hour | \$ 91.82 |
| Configuration Manager III | hour | \$117.12 |
| Help Desk Technician I | hour | \$ 42.16 |
| Help Desk Technician II | hour | \$ 60.90 |
| Help Desk Technician III | hour | \$ 73.08 |
| Quality Assurance I | hour | \$ 74.96 |
| Quality Assurance II | hour | \$ 89.01 |
| Technical Administrative | hour | \$ 51.53 |
| Information Assurance Security Specialist I | hour | \$ 80.58 |
| Information Assurance Security Specialist II | hour | \$100.26 |
| Technical Instructor I | hour | \$ 84.33 |
| Technical Instructor II | hour | \$ 98.38 |
| Technical Instructor III | hour | \$112.44 |