ITS Network Security

Category: Networking & Security | **Vendor:** Pearson

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Mentored

Certification: ITS Network Security

Course Overview

The Network Security Certification course is based on learning the different techniques, tools and technologies to protect the network from unauthorized access. Upon completion of this course, students can expect to have knowledge of identifying the different types of attacks, configuring the user authentication, identifying the protocols, implementing email protection and managing browser security. Students will also learn to configure anti-malware and antivirus software. The goal of this course is to provide students with the tools and techniques needed to prepare for the Network Security certificationincluding text explanations, video demos, lab activities, self-assessment questions, and a practice examto increase their chances of passing the exam on the first try.

About This Course

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Who Should Attend

Designed for high school students or adults looking to gain expertise in designing and implementing safe network infrastructure which includes monitoring system performance, managing network, deploying data backup and recovery, installing and configuring hardware and software related to the networking. By becoming a Network Security Certified: Network Administrator, you will be able to manage a complete organization's network by advising the network engineering team to manage and maintain the organization's data safe and secure. You will also be able to pursue a career as a network architect.

Prerequisites & Entry Requirements

General Prerequisites:

Basics of computer networking. Fundamentals of the network protocols and topologies. Expertise in troubleshooting. Understanding the complete architecture of the networking system

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Upon successful completion of this course, students should be able to: Identify the core security policies and their types. Identify the different types of threats or attacks on the network. Authenticate the user and manage permissions. Manage email and browser security. Install anti-virus and investigating alerts.

Detailed Course Outline

Lesson 1: Defense in Depth

- Skill 1.1: Identify core security principles.
- Skill 1.2: Define and enforce physical security.
- Skill 1.3: Identify security policy types.
- Skill 1.4: Identify attack types.
- Skill 1.5: Identify backup and restore types.

Lesson 2: Operating System Security

- Skill 2.1: Identify client and server protection.
- Skill 2.2: Configure user authentication.
- Skill 2.3: Manage permissions in Windows and Linux.
- Skill 2.4: Facilitate non-repudiation using audit policies and log files.
- Skill 2.5: Demonstrate knowledge of encryption.

Lesson 3: Network Device Security

- Skill 3.1: Implement wireless security.
- Skill 3.2: Identify the role of network protection devices.
- Skill 3.3: Identify network isolation methods.
- Skill 3.4: Identify protocol security concepts.

Lesson 4: Secure Computing

- Skill 4.1: Implement email protection.
- Skill 4.2: Manage browser security.
- Skill 4.3: Install and configure anti-malware and antivirus software.

Additional Course Details

Nexus Humans ITS Network Security training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the ITS Network Security course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for ITS Network Security?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The ITS Network Security course helps prepare you for the ITS Network Security certification path.

Q: How many CPD hours does this course provide?

The 5-day ITS Network Security course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the ITS Network Security training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for ITS Network Security?

Yes, we provide corporate training, dedicated training, and closed classes for ITS Network Security. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for ITS Network Security?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your ITS Network Security training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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