C)CSA: Cybersecurity Analyst Mile 2

Category: Networking & Security | **Vendor:** Mile2

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

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Our Certified Cyber Security Analyst course helps you prepare an organization to create a complete end to end solution for proactively monitoring, preventing, detecting, and mitigating threats as they arise in real time.Do not fool yourself, this course is far more advanced than you may expect. It is fast paced and thorough, so you can enjoy a well-rounded experience. Be ready to dig deep into the details of security analysis for today's needs.When we are done you will be able to setup and deploy state of the art open source and for purchase analysis tools, intrusion detection tools, syslog servers, SIEMs, along with integrating them for the entire company to find and an many cases prevent today's exploits.This course maps to the mile2 Certified Cyber Security Analyst Exam as well as the CompTIA CySA+CS0-001 certification exam.

About This Course

Our Certified Cyber Security Analyst course helps you prepare an organization to create a complete end to end solution for proactively monitoring, preventing, detecting, and mitigating threats as they arise in real time.Do not fool yourself, this course is far more advanced than you may expect. It is fast paced and thorough, so you can enjoy a well-rounded experience. Be ready to dig deep into the details of security analysis for today's needs.When we are done you will be able to setup and deploy state of the art open source and for purchase analysis tools, intrusion detection tools, syslog servers, SIEMs, along with integrating them for the entire company to find and an many cases prevent today's exploits.This course maps to the mile2 Certified Cyber Security Analyst Exam as well as the CompTIA CySA+CS0-001 certification exam.

Who Should Attend

Security Professionals

Incident Handling Professionals

Anyone in a Security Operations Center

Forensics Experts

Cybersecurity Analysts

Learning Outcomes

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

Our Certified Cyber Security Analyst course helps you prepare an organization to create a complete end to end solution for proactively monitoring, preventing, detecting, and mitigating threats as they arise in real time.

Do not fool yourself, this course is far more advanced than you may expect. It is fast paced and thorough, so you can enjoy a well-rounded experience. Be ready to dig deep into the details of security analysis for today’s needs.

When we are done you will be able to setup and deploy state of the art open source and for purchase analysis tools, intrusion detection tools, syslog servers, SIEMs, along with integrating them for the entire company to find and an many cases prevent today’s exploits.

This course maps to the mile2 Certified Cyber Security Analyst Exam as well as the CompTIA CySA+CS0-001 certification exam.

Detailed Course Outline

Blue TeamPrinciples

- Network Architectureand how it lays the groundwork
- Defensive Network
- Security Data Locationsand how they tie together
- SecurityOperationsCenter
- The People, Processes, and Technology
- Triage and Analysis
- Digital Forensics
- Incident Handling
- Vulnerability Management
- Automation, Improvement, and Tuning

DigitalForensics

- Investigative Theory andProcesses
- Digital Acquisition
- Evidence Protocols
- Evidence Presentation
- Computer ForensicsLaboratory
- Protocols
- Processing Techniques
- SpecializedArtifacts
- Advanced Forensics for TodaysExploitations

Malware Analysis

- Creating the Safe Environment
- Static Analysis
- Dynamic Analysis
- Behavior Based Analysis
- What is different aboutRansomware
- Manual Code Reversing

Traffic Analysis

- Manual Analysis Principles
- AutomatedAnalysis Principles
- Signaturescompared toBehaviors
- Application Protocols Analysis Principles
- Networking Forensics

Assessing the Current State of Defense with theOrganization

- Network Architecture and Monitoring
- Endpoint Architecture and Monitoring
- Automation, Improvement, and continuousmonitoring

Leveraging SIEM for Advanced Analytics

- Architectural Benefits
- Profiling andBaselining
- Advanced Analytics

Defeating the Red Team with Purple Team tactics

- Penetration Testingwith full knowledge
- Reconnaissance
- Scanning
- Enumeration
- Exploitation
- Lateral Movement

Additional Course Details

Nexus Humans C)CSA: Cybersecurity Analyst Mile 2 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 C)CSA: Cybersecurity Analyst Mile 2 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 C)CSA: Cybersecurity Analyst Mile 2?

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: How many CPD hours does this course provide?

The 5-day C)CSA: Cybersecurity Analyst Mile 2 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 C)CSA: Cybersecurity Analyst Mile 2 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 C)CSA: Cybersecurity Analyst Mile 2?

Yes, we provide corporate training, dedicated training, and closed classes for C)CSA: Cybersecurity Analyst Mile 2. 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 C)CSA: Cybersecurity Analyst Mile 2?

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 C)CSA: Cybersecurity Analyst Mile 2 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 14/11/2026.