CyberSec First Responder (CFR)

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

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

Course Information

Delivery Format: Instructor Led - Online

Related Exam: CFR-410

Course Overview

Cyber threats are constant—and escalating. To defend networks and critical assets, today’s IT professionals need more than just awareness—they need structured, tested methods to detect, respond, and recover. The average breach costs $4.45 million—making fast, skilled response more critical than ever. The CyberSec First Responder (CFR) course from CertNexus equips practitioners with the skills to assess risk, monitor for intrusions, analyze threats, and respond to incidents in real time. Built around leading frameworks like NIST 800-61r2 and PPD-41, this 5-day course prepares learners to protect information systems and carry out Defensive Cyber Operations (DCO) effectively. This course also prepares candidates for the CFR-410 certification exam, validating their ability to detect, contain, analyze, and recover from cybersecurity incidents across modern network environments.

About This Course

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Who Should Attend

This course is designed primarily for cybersecurity practitioners preparing for or who currently perform job functions related to protecting information systems by ensuring their availability, integrity, authentication, confidentiality, and non-repudiation. It is ideal for those roles within federal contracting companies and private sector firms whose mission or strategic objectives require the execution of Defensive Cyber Operations (DCO) or DoD Information Network (DoDIN) operation and incident handling. This course focuses on the knowledge, ability, and skills necessary to provide for the defense of those information systems in a cybersecurity context, including protection, detection, analysis, investigation, and response processes.In addition, the course ensures that all members of an IT team—regardless of size, rank, or budget—understand their role in the cyber defense, incident response, and incident handling process.

Prerequisites & Entry Requirements

General Prerequisites:

- At least two years (recommended) of experience or education in computer network security technology or a related field.
- The ability or curiosity to recognize information security vulnerabilities and threats in the context of risk management.
- Foundational knowledge of the concepts and operational framework of common assurance safeguards in network environments. Safeguards include, but are not limited to, firewalls, intrusion prevention systems, and VPNs.

Learning Outcomes

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

This course prepares learners to act as the first line of defense in cyber operations. Through labs, tools, and instructor-led discussion, participants develop the hands-on skills needed to detect threats, secure systems, and conduct response procedures aligned with federal and industry guidelines. Assess cybersecurity risks and analyze threat landscapes Identify and respond to reconnaissance, malware, and network-based attacks Conduct vulnerability assessments and penetration testing Collect and analyze log data using SIEM and forensic tools Execute structured incident response and recovery procedures

Detailed Course Outline

1 – Assessing Cybersecurity Risk

- Identify the importance of risk management
- Assess and mitigate risk
- Integrate documentation into risk processes

2 – Analyzing the Threat Landscape

- Classify threats and threat profiles
- Analyze trends affecting security posture

3 – Analyzing Reconnaissance Threats to Computing and Network Environments

- Implement threat modeling
- Assess the impact of reconnaissance and social engineering

4 – Analyzing System Hacking Attacks

- Assess the impact of system, web-based, and malware attacks
- Evaluate threats like hijacking, impersonation, DoS, mobile and cloud vulnerabilities

5 – Analyzing Post-Attack Techniques

- Assess techniques including command & control, lateral movement, exfiltration, and anti-forensics

6 – Assessing the Organization's Security Posture

- Perform cybersecurity audits
- Conduct vulnerability assessments and penetration testing

7 – Collecting Cybersecurity Intelligence

- Set up intelligence platforms
- Collect data from host-based and network-based sources

8 – Analyzing Log Data

- Use SIEM tools and log analysis for threat detection

9 – Performing Active Asset and Network Analysis

- Investigate incidents using Windows and Linux tools
- Analyze indicators of compromise

10 – Responding to Cybersecurity Incidents

- Deploy incident handling architecture
- Mitigate incidents and support forensic handoff

11 – Investigating Cybersecurity Incidents

- Apply forensic investigation methods
- Collect, analyze, and follow up on digital evidence

Upcoming Schedule

Available training dates for CyberSec First Responder (CFR):

Start Date	End Date	Location	Delivery	Price
04 Jan 2027	08 Jan 2027	Online	Virtual	€3,495.00

Frequently Asked Questions

Q: What delivery options are available for CyberSec First Responder (CFR)?

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: Which exam does this course prepare me for?

This course prepares you for the CFR-410 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day CyberSec First Responder (CFR) 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 CyberSec First Responder (CFR) 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 CyberSec First Responder (CFR)?

Yes, we provide corporate training, dedicated training, and closed classes for CyberSec First Responder (CFR). 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 CyberSec First Responder (CFR)?

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 CyberSec First Responder (CFR) 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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