

دوره Understanding Cisco Cybersecurity Fundamentals (SECFND) ۷۱.۰ سیسکو

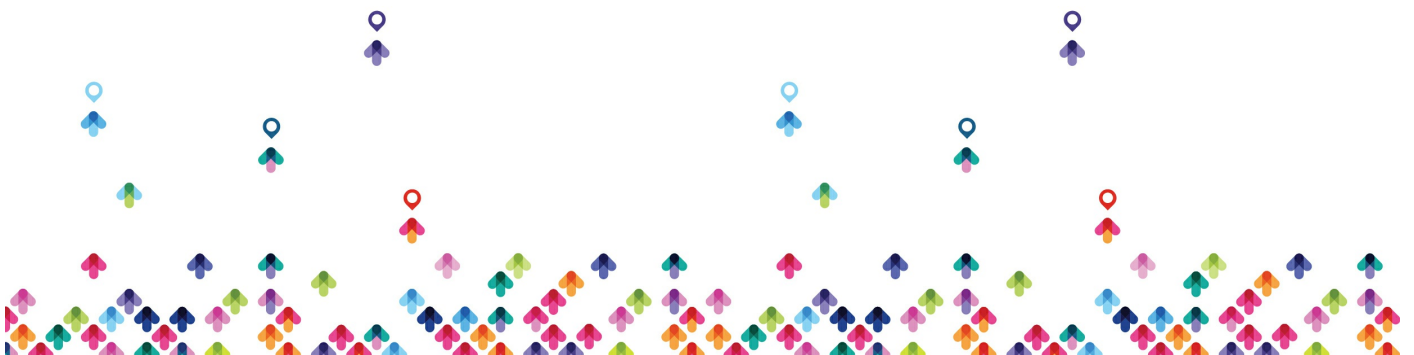
مروری بر دوره

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The **Implementing Cisco Cybersecurity Operations (SECOPS) ۷۱.۰** course gives you foundation-level knowledge of security incident analysis techniques used in a Security Operations Center (SOC). You will learn how to identify and analyze threats and malicious activity, correlate events, conduct security investigations, use incident playbooks, and learn SOC operations and procedures. This is the second of two courses that prepare you for the Cisco® CCNA® Cyber Ops certification. This certification validates your knowledge and hands-on skills to help handle cybersecurity events as an associate-level member of an SOC team.

Today's cybersecurity professionals need to detect, investigate, and respond to a wide variety of security events. This course will help you gain the skills to play a role in your organization's SOC detecting and responding to security events.

The United States Department of Defense recognizes Cisco CCNA CyberOps certification as an [approved baseline certification](#) in the Information Assurance (IA) Workforce CCSP Incident Responder and CCSP Analyst job categories. Please see [Cisco CCNA CyberOps and the DoD Approved ۸۵۷۰ Baseline Certifications](#) for



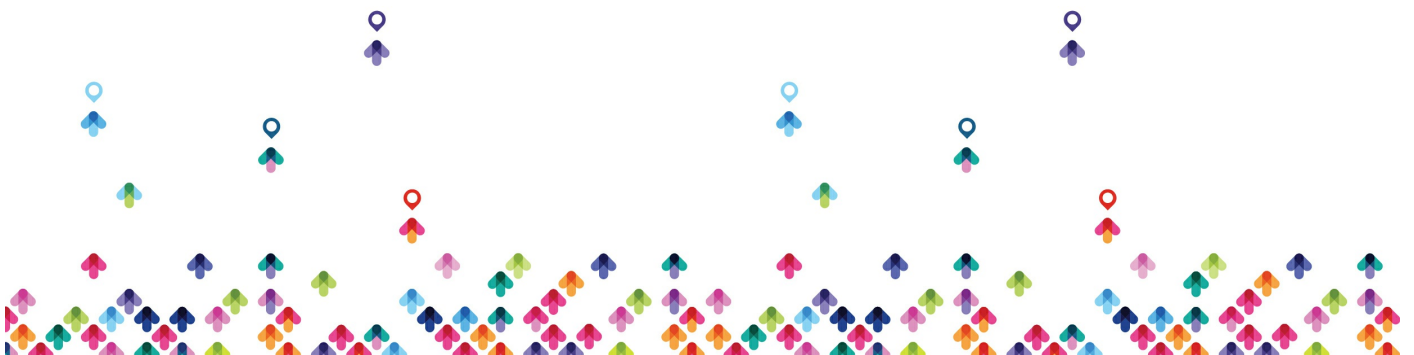
more information.

آنچه در این دوره خواهید آموخت

آنچه خواهید آموخت

After taking this course, you should be able to:

- Describe network operations and attacks, basic cryptography concepts, and network infrastructure device operations
 - Describe basic Windows and Linux OS operations, common network applications and attacks, endpoint attacks, and network and endpoint security solutions
 - Describe security data collection and monitoring and the common threat models that security operations organizations can reference when performing cybersecurity analysis
 - Learn fundamental principles of cryptography, applications, operating systems, and networking
 - Learn foundational knowledge for detecting and responding to cybersecurity incidents, including monitoring, analysis, and understanding common attacks
 - Prepare for the Cisco CCNA Cyber Ops certification with hands-on practice using real-life security analysis tools, such as those found in a Linux distribution
 - Start your career in the high-demand area of cybersecurity
- If you need privileged access to DoD Systems, and are military personnel, civilian contractors, and others, this course helps your prepare for Cisco



CCNA Cyber Ops certification, which is one of the DoD Approved ۸۵۷۰ Baseline Certifications

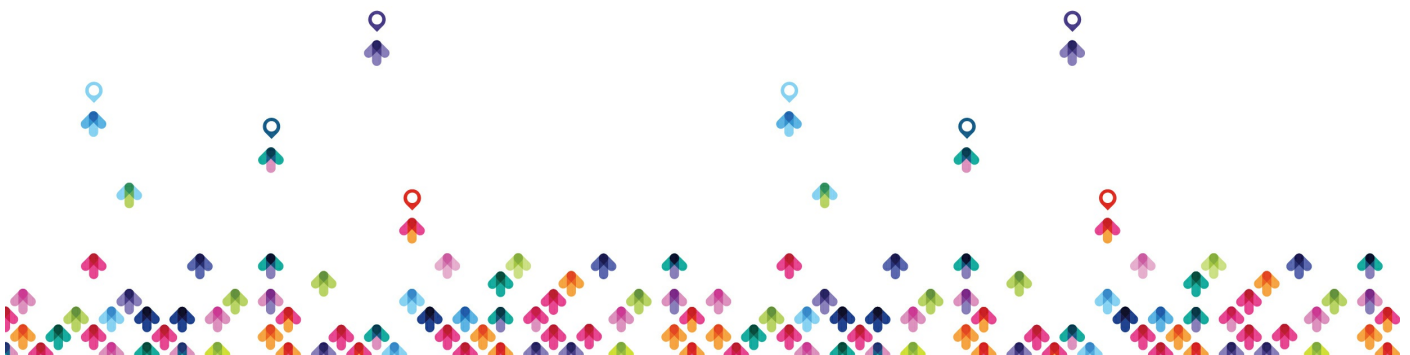
سرفصل ها (حضورى)

سرفصل ها

- TCP/IP and Cryptography Concepts
 - Understanding the TCP/IP Protocol Suite
 - Understanding the Network Infrastructure
 - Understanding Common TCP/IP Attacks
 - Understanding Basic Cryptography Concepts
- Network Applications and Endpoint Security
 - Describing Information Security Concepts
 - Understanding Network Applications
 - Understanding Common Network Application Attacks
 - Understanding Windows Operating System Basics
 - Understanding Linux Operating System Basics
 - Understanding Common Endpoint Attacks
 - Understanding Network Security Technologies
 - Understanding Endpoint Security Technologies
- Security Monitoring and Analysis
 - Describing Security Data Collection
 - Describing Security Event Analysis

Lab outline

Explore the TCP/IP Protocol Suite



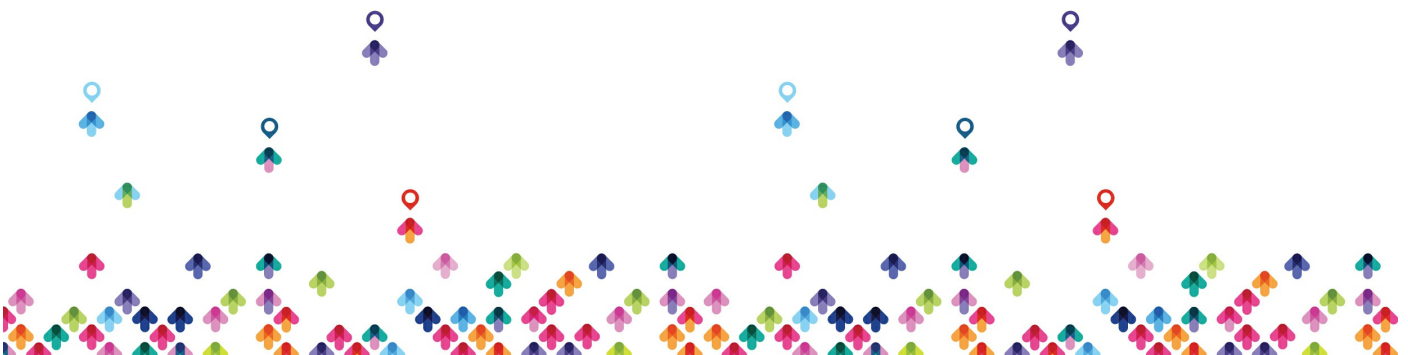
Explore the Network Infrastructure
Explore TCP/IP Attacks
Explore Cryptographic Technologies
Explore Network Applications
Explore Network Application Attacks
Explore the Windows Operating System
Explore the Linux Operating System
Explore Endpoint Attacks
Explore Network Security Technologies
Explore Endpoint Security
Explore Security Data for Analysis

مخاطبان دوره

مخاطبان دوره

- IT professionals
- Any learner interested in entering associate-level cybersecurity roles such as:
 - SOC cybersecurity analysts
 - Computer or network defense analysts
 - Computer network defense infrastructure support personnel
 - Future incident responders and SOC personnel
 - Cisco integrators or partners

پیش نیازها



We recommend that you have knowledge of one or more of the following before attending this course:

- Familiarity with basic networking concepts
- Working knowledge of the Windows operating system
- Familiarity with the Linux operating system

