

Cisco CyberOps Associates Syllabus

October – December 2023, Online Format, Instructor-led

You'll Learn These Core Skills:

- Deepen knowledge in how best to detect and respond to security incidents.
- Gain job-ready, practical skills in cybersecurity operations.
- Develop critical thinking and problem-solving skills using Cisco Packet Tracer.
- Prepare for Cisco Certified CyberOps Associate Certification.

10/2	Module 1: The Danger	
	Module 2: Fighters in the War Against Cybercrime	Threat Actors and Defenders Exam
10/9	Module 3: The Windows Operating System	
	Module 4: Linux Overview	Modules 3 - 4: Operating System Overview Exam
10/16	Module 5 Network Protocols	
	Module 6: Ethernet and Internet Protocol (IP)	
	Module 7: Connectivity Verification	
	Module 8: Address Resolution Protocol	
10/23	Module 9: Transport Layer	
	Module 10: Network Services	Modules 5 - 10: Network Fundamentals Exam
10/30	Module 11: Networking Communication Devices	
	Module 12: Network Security Infrastructure	Modules 11 - 12: Network Infrastructure Security Exam
11/6	Module 13: Attackers and Their Tools	
	Module 14: Common Threats and Attacks	
	Module 15: Network Monitoring and Tools	
	Module 16: Attacking the Foundation	
11/13	Module 17: Attacking What We Do	
	Module 18: Understanding Defense	Modules 13 - 17: Threats and Attacks Exam
11/20	Module 19: Access Control	
	Module 20 Threat Intelligence	Modules 18 - 20: Network Defense Exam
11/27	Module 21 Cryptography	
	Module 22: Endpoint Protection	
12/4	Module 23: Endpoint Vulnerability Assessment	
	Module 24: Technologies and Protocols	Modules 21 - 23: Cryptography and Endpoint Protection Exam
12/4	Module 25: Network Security Data	
	Module 26: Evaluating Alerts	Modules 24 - 25: Protocols and Log Files Exam
12/11	Module 27: Working with Network Security Data	
	Module 28: Digital Forensics and Incident Analysis and Response	Practice Exam
12/18	Final	Final Exam

