



TECH VISIONS

— CONSULTING & TRAINING —



BUILDING CAPABILITY. STRENGTHENING SECURITY.

COURSE OUTLINE | EXAM CS0-004

CompTIA CySA+

Cybersecurity Analyst Certification Training



Security Operations



Vulnerability Management



Incident Response &
Management



Reporting & Communication

CompTIA Cybersecurity Analyst (CySA+)

Exam CS0-004 | Detect, analyze and respond.



COURSE OVERVIEW

CompTIA CySA+ is an intermediate, vendor-neutral certification for professionals who defend organizations through detection, analysis and response. This program focuses on the daily work of a security analyst: monitoring security data, hunting for threats, managing vulnerabilities, responding to incidents and reporting findings to technical and business stakeholders. It follows the latest exam version, CS0-004, including AI in security operations and risk-based vulnerability prioritization.

BENEFITS OF THE COURSE



Hands-on SOC skills

Analyze logs and security data from multiple monitoring sources, the way analysts do every day.



Threat detection & hunting

Spot indicators of compromise across networks, hosts and applications, and hunt threats proactively.



Vulnerability management

Scan, validate and prioritize vulnerabilities by real risk, then drive remediation.



Incident response readiness

Handle incidents using recognized frameworks such as MITRE ATT&CK and the Cyber Kill Chain.



AI-ready security operations

Use AI in the SOC and understand its risks, from data exposure to prompt injection.



Recognized credential

Earn a vendor-neutral certification that maps to real SOC and analyst job roles.

TARGET AUDIENCE



SOC Analysts



Vulnerability Analysts



Threat Intelligence Analysts



Incident Responders



Security Engineers



Threat Hunters



IT Security Professionals



Cybersecurity Students & Aspiring Analysts

Four domains, 15 modules

Built on the official CS0-004 exam objectives.



01

Security Operations

34% of exam

The core of the analyst role: understanding the environment, recognizing malicious activity and using the right tools and intelligence to investigate it.

MODULES

- 01 System & network architecture in security operations
- 02 Analyzing indicators of malicious activity
- 03 Tools & techniques to determine malicious activity
- 04 Threat intelligence & threat hunting
- 05 Efficiency & process improvement
- 06 AI in security operations

You will be able to: monitor, triage and investigate alerts across multiple data sources.



02

Vulnerability Management

26% of exam

Finding weaknesses before attackers do, and making sure the right ones get fixed first.

MODULES

- 07 Vulnerability scanning methods & concepts
- 08 Analyzing vulnerability assessment tool output
- 09 Prioritizing & mitigating vulnerabilities
- 10 Control types, risk & vulnerability management

You will be able to: run a risk-based vulnerability program from discovery to remediation.



03

Incident Response & Management

24% of exam

Responding to attacks in a structured way, from first detection through containment, recovery and lessons learned.

MODULES

- 11 Attack methodology frameworks
- 12 The incident response process
- 13 Implementing incident response techniques

You will be able to: take an active role in detecting, containing and recovering from incidents.



04

Reporting & Communication

16% of exam

Turning technical findings into clear reports, metrics and actions that technical and executive teams can act on.

MODULES

- 14 Vulnerability management reporting & communication
- 15 Security operations & incident response reporting

You will be able to: report findings, KPIs and root causes to the right stakeholders.

The CySA+ exam

Everything you need to know before exam day.

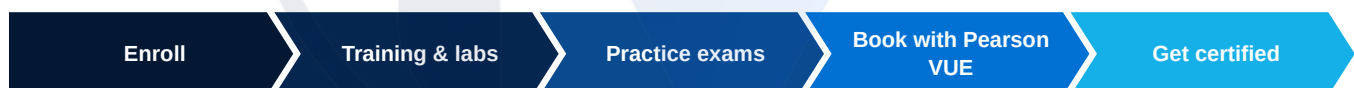


ITEM	DETAILS
Certification	CompTIA Cybersecurity Analyst (CySA+)
Exam code	CS0-004
Number of questions	Maximum of 85
Question types	Multiple choice and performance-based
Duration	165 minutes
Passing score	750 (on a scale of 100–900)
Exam delivery	Pearson VUE: test center or online (OnVUE)

DOMAIN WEIGHTING

34%	26%	24%	16%
Security Operations	Vulnerability Management	Incident Response & Management	Reporting & Communication

YOUR PATH TO CERTIFICATION



Ready to become a certified cybersecurity analyst?

EMAIL training@thetechvisions.com

WEB thetechvisions.com