Silotech Academy

Technical Comparison

RCCE
Cybersecurity Engineer

RCCE COMPETITOR COMPARISON

https://www.silotech-academy.com/rocheston

The Modern Certification for the Modern Times

SUCCEED

Rocheston Certified Cybersecurity Engineer

RCCE
Cybersecurity Engineer

THE PROBLEM

1. *For too long, the cybersecurity training and certification industry has wallowed in **outdated methodologies and content** that barely addresses the complexities of modern cybersecurity threats.*

2. *Many providers have been **repackaging ancient materials** as new, in a sector where innovation should be leading the charge.*

3. *This stagnation has significantly **diluted the value of such certifications**, especially considering the often exorbitant fees, which can reach upwards of $6,000.*

4. *It's a scenario that has left many yearning for a more effective and impactful learning experience.*

QUALITY AND EXCELLENCE

1. ***Our training programs stand out*** *for their depth, quality, and relevance, diverging sharply from the competition.*

2. ***We don't produce run-of-the-mill courses;*** *instead, we craft comprehensive, avant-garde content tailor-made for addressing today's cybersecurity challenges head-on.*

3. ***Offering round-the-clock access to our labs*** *underscores our dedication to facilitating continuous, hands-on learning. This dedication is what propels our offerings from mere educational tools to foundational pillars of a new epoch in cybersecurity training.*

CYBERSECURITY ENGINEERS

Cybersecurity engineers, identify threats and vulnerabilities in systems and software, then apply their skills to developing and implementing high-tech solutions to defend against hacking, malware, ransomware, insider threats and all types of cybercrime. They'll serve as a go-to team member for security policies and procedures.

RCCE DOD 8140 JOB ROLES

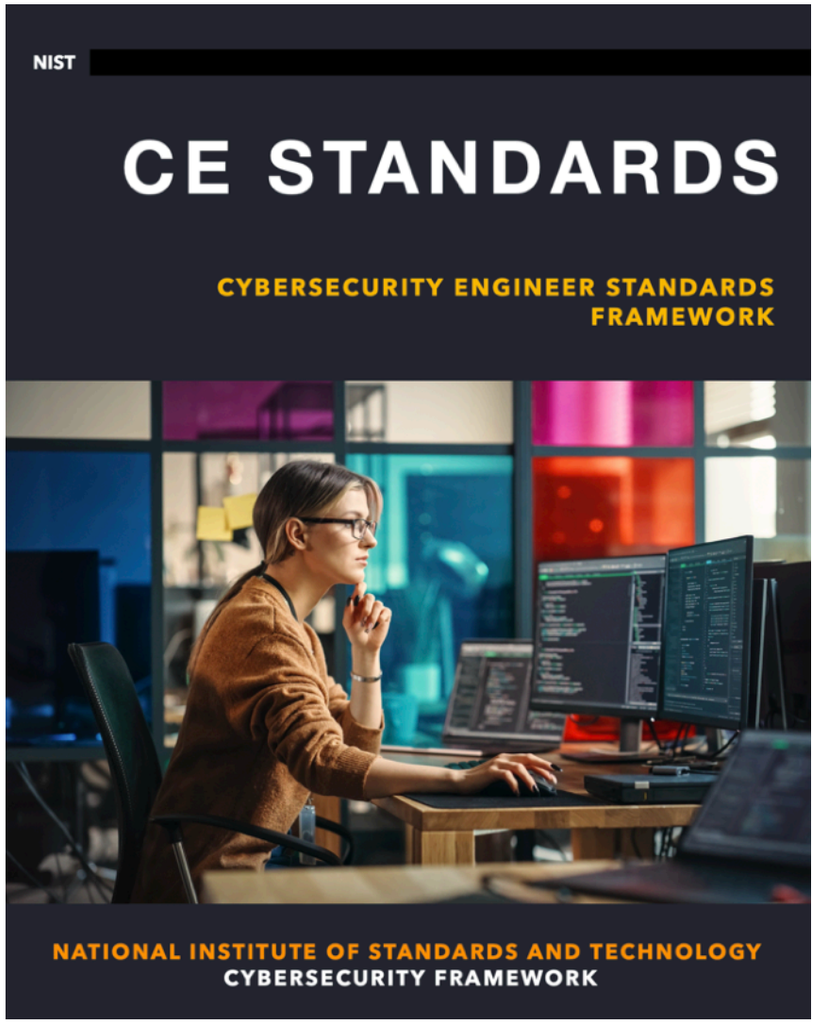
AMERICAN

ROCHESTON CERTIFIED CYBERSECURITY ENGINEER

RCCE IS ON THIS LIST

IASAE I	IASAE II	IASAE III
CASP+ CE CISSP (or Associate) CSSLP RCCE	CASP+ CE CISSP (or Associate) CSSLP RCCE	CISSP-ISSAP CISSP-ISSEP CCSP RCCE
CSSP Analyst[1]	**CSSP Infrastructure Support[1]**	**CSSP Incident Responder[1]**
CEH CFR CCNA Cyber Ops CCNA-Security CySA+ ** GCIA GCIH GICSP RCCE Cloud+ SCYBER PenTest+	CEH CySA+ ** GICSP SSCP CHFI CFR Cloud+ CND RCCE	CEH CFR CCNA Cyber Ops CCNA-Security CHFI CySA+ ** GCFA GCIH RCCE SCYBER PenTest+

IAT Level I	IAT Level II	IAT Level III
A+ CE CCNA-Security CND Network+ CE SSCP RCCE	CCNA Security CySA+ ** GICSP GSEC Security+ CE CND SSCP RCCE	CASP+ CE CCNP Security CISA CISSP (or Associate) GCED GCIH CCSP RCCE
IAM Level I	**IAM Level II**	**IAM Level III**
CAP CND Cloud+ GSLC Security+ CE HCISPP RCCE	CAP CASP+ CE CISM CISSP (or Associate) GSLC CCISO HCISPP RCCE	CISM CISSP (or Associate) GSLC CCISO RCCE



Function	Category	Category Identifier
Govern (GV)	Organizational Context	GV.OC
	Risk Management Strategy	GV.RM
	Cybersecurity Supply Chain Risk Management	GV.SC
	Roles, Responsibilities, and Authorities	GV.RR
	Policies, Processes, and Procedures	GV.PO
	Oversight	GV.OV
Identify (ID)	Asset Management	ID.AM
	Risk Assessment	ID.RA
	Improvement	ID.IM
Protect (PR)	Identity Management, Authentication, and Access Control	PR.AA
	Awareness and Training	PR.AT
	Data Security	PR.DS
	Platform Security	PR.PS
	Technology Infrastructure Resilience	PR.IR
Detect (DE)	Continuous Monitoring	DE.CM
	Adverse Event Analysis	DE.AE
Respond (RS)	Incident Management	RS.MA
	Incident Analysis	RS.AN
	Incident Response Reporting and Communication	RS.CO
	Incident Mitigation	RS.MI
Recover (RC)	Incident Recovery Plan Execution	RC.RP
	Incident Recovery Communication	RC.CO

RCCE REPLACES THESE CERTIFICATIONS

RCCE Cybersecurity Engineer

Level 1

RCCE Cybersecurity Engineer

Level 2

COMPTIA	SANS	Online	ISC2	ISACA
Cloud+ Linux+ Security+ Pentest+	GPEN GSEC GCIH	Cengage Learn SimpliLearn Emmersive Labs	CISSP CCSP SSCP	CISM CISA
CISCO	**EC-Council**	**EC-Council**	**Offensive Security**	**Emerging**
CySA+	CEH CPENT ECIH CND	CHFI CCISO	OSCP	AI Machine Learning Blockchain

DoD 8140 Job Role Comparison

Comparison

CEH DOD JOB ROLE

1. Network Operations Specialist
2. Cyber Defense Infrastructure Support Specialist
3. Vulnerability Assessment Analyst
4. Cyber Defense Analyst
5. R&D Specialist
6. System Testing & Evaluation Specialist

RCCE DOD JOB ROLE

1. All-Source Analyst
2. Warning Analyst
3. Forensics Analyst
4. Cyber Defense Forensics Analyst
5. Cyber Operations Planner
6. Systems Security Analyst
7. Cyber Defense Analyst
8. Cyber Defense Incident Responder
9. Vulnerability Assessment Analyst
10. Secure Software Assessor
11. Research & Development Specialist
12. Program Manager
13. IT Project Manager
14. Product Support Manager
15. IT Program Auditor

DoD 8140 Job Role Comparison

Comparison

PENTEST+ DOD JOB ROLE

1. Forensics Analysis
2. Cyber Defense Forensics Analyst
3. Cyber Defense Analyst
4. Cyber Defense Infrastructure Support Specialist
5. Cyber Defense Incident Responder
6. Vulnerability Assessment Analyst
7. Security Controls Assessor

RCCE DOD JOB ROLE

1. All-Source Analyst
2. Warning Analyst
3. Forensics Analyst
4. Cyber Defense Forensics Analyst
5. Cyber Operations Planner
6. Systems Security Analyst
7. Cyber Defense Analyst
8. Cyber Defense Incident Responder
9. Vulnerability Assessment Analyst
10. Secure Software Assessor
11. Research & Development Specialist
12. Program Manager
13. IT Project Manager
14. Product Support Manager
15. IT Program Auditor

NICE FRAMEWORK RESOURCE CENTER

The NICE Framework is a fundamental reference for describing and sharing information about cybersecurity work.

1. *Research & Development Specialist*
2. *Cyber Defense Analyst*
3. *Vulnerability Assessment Analyst*
4. *Threat/Warning Analyst*
5. *Cyber Defense Incident Responder*
6. *Exploitation Analyst*
7. *Network Operations Specialist Technical*
8. *Support Specialist System Administrator*
9. *Systems Security Analyst*

RCCE Certification is now mapped to NICE Framework Job Roles

GOVERNANCE & RISK MANAGEMENT

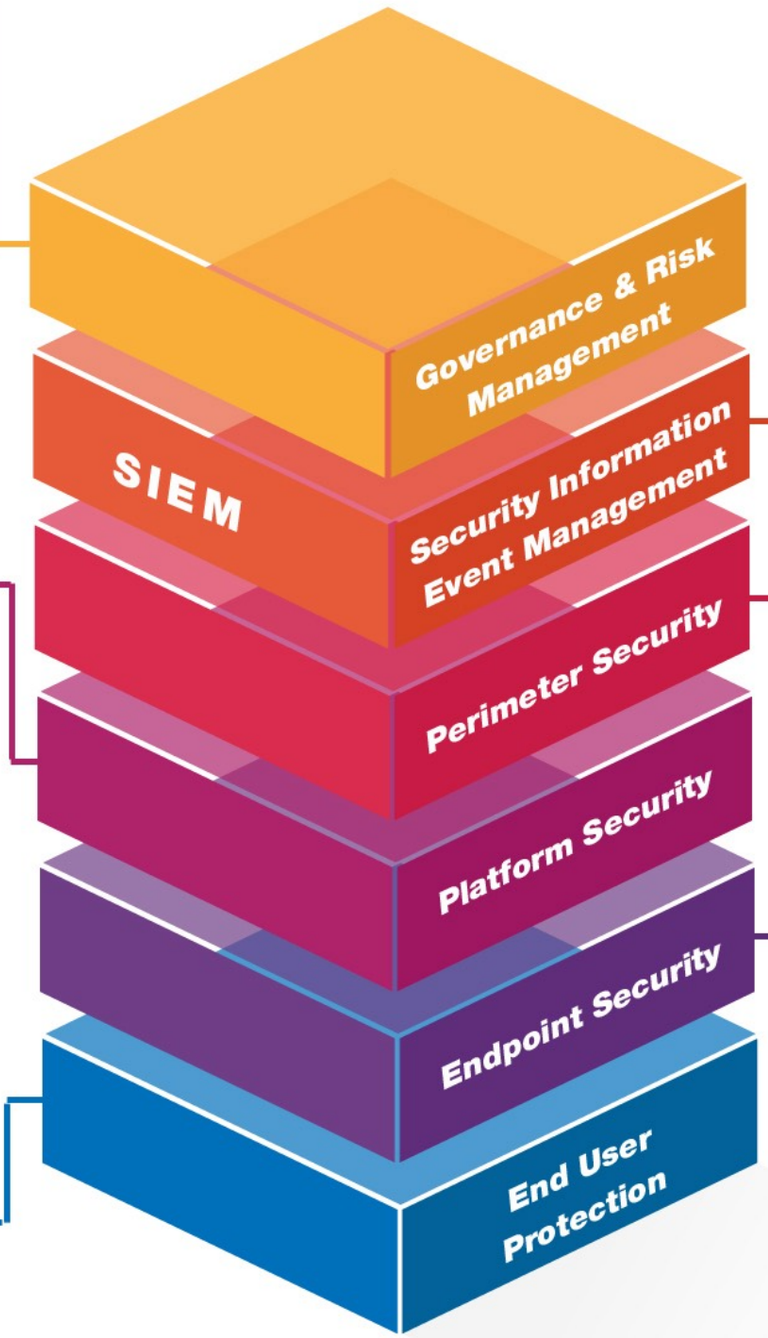
- ISO 27002 Compliant
- Center for Internet Security (CIS) Controls
- 3 Annual Pen Tests
- Privacy Shield Certified
- GOPR/CCPA Compliant
- Enterprice Risk Register
- NIST SP 800-53 Compliant
- SSAE 18 SOC 1 Type 2 Certified
- Standard Information Cathering (SIC)
- Information Securtiy Audit Reports
- Enterprice Incident Response

PLATFORM SECURITY

- Next Generation Firewalls
- Antivirus For Servers
- AES 256 Encryption at Rest
- Segregated Active Directory & VLANS
- Privileged Account Vaulting
- Continuous Vulnerability Scanning
- & Patch Management
- Secure Data Backups and Disaster Recovery
- Operating Systems Hardening

END USER PROTECTION

- Cybersecurtiy Awareness Training
- Multifactor Authentication
- Role-Based Access Constrol
- Simulated Pishing Campaigns



SIEM

- Raw Logs, Endpoint Data
- & Network Traffic Analytics
- Unified Log Data
- User Behavior Analytics (UBA)
- Suspicious Activity Detection & Alerts

PERIMETER SECURITY

- External Firewalls
- Remote Access
- Spam Filtering
- Threat Intel Feeds
- Remote Authentication Reporting
- Brute Force and DoS Detection
- Data Center Physical Security

ENDPOINT SECURITY

- Automated Microsoft Windows and 3rd Party application Patch Management
- Antivirus and Endpoint Detection & Response (EDR)
- Remote Monitoring & Management System
- Local Admin Password Solution
- Full Disk Encryption
- Mobile Device Management
- Group Policy Enforcement
- Password Complexity
- Brute Force Prevention

RCCE COVERS ALL OF THESE TECHNOLOGIES

RCCE JOB ROLE = CYBERSECURITY ENGINEER

RCCE COVERS ALL OF THESE TECHNOLOGIES

Extreme Hacking	Penetration Testing	Risk Assessment	Incident Handling	Vulnerability Management	Network Defense
Cloud Security	Linux Skills	Python/Ruby PHP Rust Skills	Governance And Compliance	Kubernetes	Infrastructure Security
Zero Trust	Identity Management	IaaS Security	Malware Analysis	Cybercrime Investigations	Forensic Analysis
Container Security	CyberLaw	Web Applications Security	Red Team / Blue Team	IoT	AI, Machine Learning

ROCHESTON TRAINING

SOLUTION WITH VINES

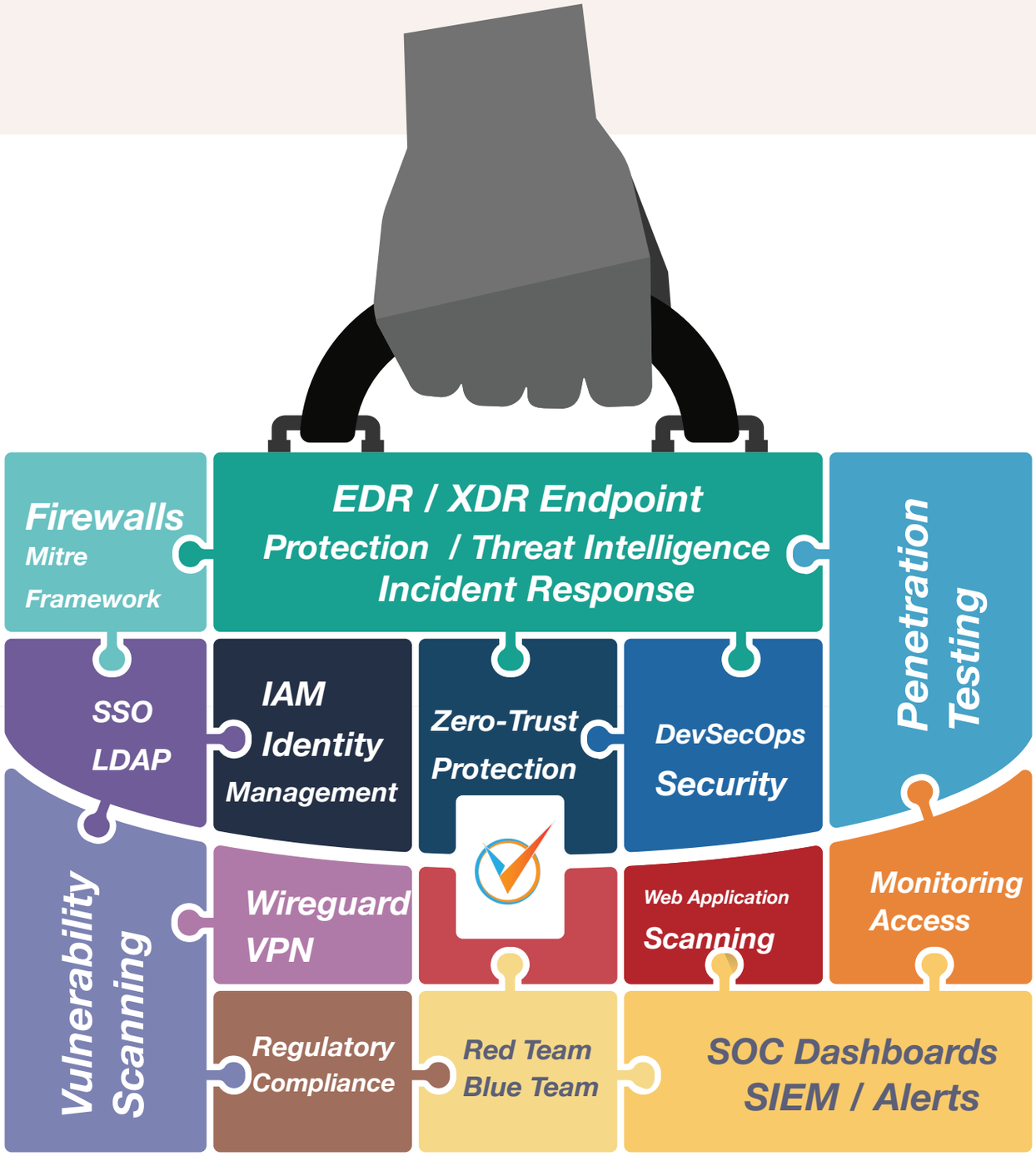
VINES

VINES VINES VINES VINES

VINES CONTAINS

ESSENTIAL

TECHNOLOGIES TO PROTECT AND SECURE



Everything an organization needs is here.

GORODENKOF PRODUCTIONS MONITORING -- -- -- SOFTWARE MODULE

16:39 14.05.2020

FILE EDIT VIEW SENSORS SIMULATE HELP WINDOW Close

ROCHESTON VINES

Real-time monitoring

Points Counter | **Power Consumption** | Management

3 5123 7 1132 4 3451 8 2451

▶ Secondary Options

▶ Settings

Options

SERVICES

Asset Discovery

Launch

Vines Manager

Launch

Application Deepscan

Launch

Vines Firewall

Launch

Red Team
Blue Team

Vulnerability Database

Attack Map

Wazuh EDR

Monkey Island

SSH Shell

Threat Intelligence

Live Threats

Incident Response

SOAR Cortex

Mitre Attack Visualizer

DevSecOps Jenkins

VULNERABILITY VINES

RCCE DOMAINS

1. Cybersecurity Threats, Attacks and Defenses
2. Reconnaissance, ML and Artificial Intelligence
3. Cyber Vulnerabilities
4. Web Application Attacks
5. Webshells, Spywares and Trojans
6 Denial of Service Attacks
7. Log Management and Network Analyzers
8. Identity and Access Management
9. Wireless and 5G
10. Firewalls, Endpoint Detection and Response
11. Hacking Frameworks
12. Cryptography
13. Malware Analysis
14. IoT Security
15. Virtualization and Data Centers
16. Android hacking
17. Blockchain and Cryptocurrency
18. Quantum Computing
19: Cybersecurity Policies and Governance
20 Risk Assessment
21. Risk Management
22. Incident Response and Handling
23. DevSecOps
24. Patch Management
25. Cloud Security with AWS, Azure and GCloud
26. Rocheston Cybersecurity Framework
27. Zero Trust Architecture

RCCE Comparison

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
ANSI ISO/IEC 17024 Accredited	✅	✅	✅	✅	✅	✅
DoD 8570 Approved	✅	✅	✅	✅	✅	✅
100% Cloud based training	✅	❌	❌	❌	❌	❌
100% Linux based training	✅	❌	❌	❌	❌	❌
Covers Hacking Skills	✅	✅	❌	❌	✅	❌
Covers Latest Technologies in Cybersecurity	✅	❌	❌	❌	❌	❌
Covers Incident Handling	✅	✅	✅	✅	✅	
Covers Network Defense	✅	❌	❌	❌	❌	❌
Covers Risk Management	✅	❌				✅
Covers Compliance and Governance	✅	❌	❌	✅	❌	✅
Covers Kubernetes Deployments	✅	❌	❌	❌	❌	❌
Covers Azure, AWS, Google Cloud	✅	❌	❌	❌	❌	❌
Covers Blockchain and Cryptocurrencies	✅	❌	❌	❌	❌	❌
Covers Quantum Computing	✅	❌	❌	❌	❌	❌
Covers Red Team / Blue Team Engagements	✅	❌	❌	❌	✅	❌
Cyber Range Sphere	✅	❌	❌	❌	❌	❌
Covers Virtualization Technologies	✅	❌	❌	❌	❌	❌
Covers Data Centers	✅	❌	❌	❌	❌	❌

RCCE Comparison

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Covers Infrastructure Security	✅	❌	❌	❌	❌	❌
Covers Linux Programming	✅	❌	❌	❌	❌	❌
Covers Vulnerability Management	✅	✅	❌	✅	✅	❌
Covers DevSecOps	✅	❌	❌	❌	❌	❌
Covers Artificial Intelligence / Machine Learning	✅	❌	❌	❌	❌	❌
Covers DarkWeb	✅	❌	❌	❌	❌	❌
Covers Cloud Backups and Patch Management	✅	❌	❌	✅	✅	✅
Covers Ethics, Policies and Standards	✅	❌	❌	❌	❌	✅
Rocheston Rose Linux OS (1tb Tools)	✅	❌	❌	❌	❌	❌
Rocheston Macsys	✅	❌	❌	❌	❌	❌
Rocheston Maya (Instructor Portal)	✅	❌	❌	❌	❌	❌
Rocheston Be	✅	❌	❌	❌	❌	❌
Rocheston Winston (Forensics OS)	✅	❌	❌	❌	❌	❌
Azure Based Labs	✅	❌	❌	❌	❌	❌
Rocheston Rosecoin (Own Cryptocurrency)	✅	❌	❌	❌	❌	❌
Rocheston Search (Own Search Engine)	✅	❌	❌	❌	❌	❌
Rocheston Data Centers (Own Data centers)	✅	❌	❌	❌	❌	❌
Rocheston Vines (Own Scanner)	✅	❌	❌	❌	❌	❌

RCCE Comparison

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Rocheston Niles (NFT Tokens)	✅	✅	❌	❌	❌	❌
Rocheston Jerico (Blockchain crypto exchange)	✅	✅	❌	❌	❌	❌
Rocheston Cyberbook (Own laptop hardware)	✅	❌	❌	❌	❌	❌
Rocheston Hackathon (Hacking competition)	✅	❌	❌	❌	❌	❌
Rocheston Ramsys (Remote proctoring)	✅	✅	❌	❌	❌	❌
Rocheston Glass (Own virtual meeting platform)	✅	❌	❌	❌	❌	❌
Rocheston Labs (Cybersecurity R & D)	✅	❌	❌	❌	❌	❌
Rocheston Threat Intelligence Center	✅	❌	❌	❌	❌	❌
Course Content Updated weekly	✅	❌	❌	❌	❌	❌
Reasonably priced	✅	❌	❌	❌	❌	❌
Beautifully Designed Training Materials	✅	❌	❌	❌	❌	❌
Interactive Labs	✅	❌	❌	❌	❌	❌
Labs Migration to Own Cloud	✅	❌	❌	❌	❌	❌
Downloadable Labs	✅	❌	❌	❌	❌	❌
Cutting-Edge Technologies	✅	❌	❌	❌	❌	❌
Rocheston Search (Own Search Engine)	✅	❌	❌	❌	❌	❌
Prepares for Job role Cybersecurity Engineer	✅	❌	❌	❌	❌	❌
Limited and Prestigious	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Cybersecurity Policies and Governance	✅	✅	❌	✅	❌	✅
Risks/Threats/Vulnerability Assessment	✅	✅	❌	❌	❌	✅
Risks/Threats/Vulnerability Management	✅	❌	❌	❌	❌	✅
Security Incident Response and Recovery Plan	✅	❌	✅	❌	✅	❌
Cybersecurity Threats, Attacks and Defenses	✅	✅	❌	❌	❌	❌
Reconnaissance, ML and Artificial Intelligence	✅	❌	❌	❌	❌	❌
Cyber Vulnerabilities	✅	✅	✅	✅	✅	❌
Web Application Attacks	✅	✅	❌	❌	✅	❌
Webshells, Spywares and Trojans	✅	✅	❌	❌	✅	❌
Denial of Service Attacks	✅	✅	❌	✅	✅	❌
Log Management and Network Analyzers	✅	✅	❌	✅	✅	✅
Identity and Access Management	✅	❌	❌	❌	❌	❌
Wireless and 5G	✅	❌	❌	❌	❌	❌
Firewalls, Endpoint Detection and Response	✅	✅	❌	✅	✅	❌
Hacking Frameworks	✅	✅	❌	✅	✅	❌
Cryptography	✅	✅	❌	❌	✅	❌
Malware Analysis	✅	✅	❌	✅	✅	✅
IoT Security	✅	✅	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Virtualization and Data Centers	✅	✅	❌	❌	❌	❌
Android Hacking	✅	✅	❌	❌	❌	❌
Blockchain and Cryptocurrency	✅	✅	❌	❌	❌	❌
Quantum Computing	✅	❌	❌	❌	❌	❌
Cybersecurity Policies and Governance	✅	✅	❌	❌	❌	✅
Risk Assessment	✅	❌	❌	✅	❌	✅
Risk Management	✅	❌	✅	❌	❌	✅
Incident Response and Handling	✅	❌	✅	❌	✅	❌
DevSecOps	✅	❌	❌	❌	❌	❌
Patch Management	✅	❌	❌	❌	✅	❌
Cloud Security with AWS, Azure and GCloud	✅	❌	❌	❌	❌	✅
Rocheston Cybersecurity Framework	✅	❌	❌	❌	❌	❌
Zero Trust Architecture	✅	❌	❌	❌	❌	❌
Introduction to Penetration Testing.key	✅	❌	❌	❌	❌	❌
Penetration Testing Methodologies	✅	❌	❌	❌	❌	❌
Legal and Ethical Issues in Penetration Testing	✅	❌	❌	❌	❌	❌
Rules of Engagement	✅	❌	❌	❌	❌	❌
Network Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Vulnerability Assessment and Exploitation	✅	❌	❌	❌	❌	❌
Web Application Penetration Testing	✅	❌	❌	❌	❌	❌
Wireless Network Penetration Testing	✅	❌	❌	❌	❌	❌
Physical Penetration Testing	✅	❌	❌	❌	❌	❌
Database Penetration Testing	✅	❌	❌	❌	❌	❌
Source Code Penetration Testing	✅	❌	❌	❌	❌	❌
Social Engineering in Penetration Testing	✅	❌	❌	❌	❌	❌
Cyber Threat Intelligence in Penetration Testing	✅	❌	❌	❌	❌	❌
Mobile and IoT Penetration Testing	✅	❌	❌	❌	❌	❌
Cloud Penetration Testing	✅	❌	❌	❌	❌	❌
Firewalls & IDS in Penetration Testing	✅	❌	❌	❌	❌	❌
Report Writing in Penetration Testing	✅	❌	❌	❌	❌	❌
Active Directory (AD) Penetration Testing	✅	❌	❌	❌	❌	❌
Administrative Interface Penetration Testing	✅	❌	❌	❌	❌	❌
Anti-Malware Efficacy Penetration Testing	✅	❌	❌	❌	❌	❌
Apache2 and nginx Penetration Testing	✅	❌	❌	❌	❌	❌
Multi-factor authentication (MFA) Penetration Testing	✅	❌	❌	❌	❌	❌
Network Mapping Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Ongoing Tests Penetration Testing	✅	❌	❌	❌	❌	❌
OWASP Top 10 Penetration Testing	✅	❌	❌	❌	❌	❌
Best Practices Penetration Testing	✅	❌	❌	❌	❌	❌
Password Cracking Penetration Testing	✅	❌	❌	❌	❌	❌
Password Strength Penetration Testing	✅	❌	❌	❌	❌	❌
Patch Management Penetration Testing	✅	❌	❌	❌	❌	❌
Penetration Testing from Various Locations	✅	❌	❌	❌	❌	❌
Phishing Attack Simulation Penetration Testing	✅	❌	❌	❌	❌	❌
Post-Exploitation Techniques	✅	❌	❌	❌	❌	❌
Privilege Escalation Penetration Testing	✅	❌	❌	❌	❌	❌
Race Condition Bugs Penetration Testing	✅	❌	❌	❌	❌	❌
Ransomware Attacks Penetration Testing	✅	❌	❌	❌	❌	❌
Real-time Alerting Penetration Testing	✅	❌	❌	❌	❌	❌
Reconnaissance Penetration Testing	✅	❌	❌	❌	❌	❌
Red Teaming Penetration Testing	✅	❌	❌	❌	❌	❌
Regulatory Compliance Penetration Testing	✅	❌	❌	❌	❌	❌
Remote Access Penetration Testing	✅	❌	❌	❌	❌	❌
Rogue Device Detection Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Scan Open Ports Penetration Testing	✅	❌	❌	❌	❌	❌
Secure Token Penetration Testing	✅	❌	❌	❌	❌	❌
Security Policy Compliance Penetration Testing	✅	❌	❌	❌	❌	❌
Security Tool Efficacy Penetration Testing	✅	❌	❌	❌	❌	❌
Security Training Efficacy Penetration Testing	✅	❌	❌	❌	❌	❌
Server Misconfigurations Penetration Testing	✅	❌	❌	❌	❌	❌
Server Security Headers Penetration Testing	✅	❌	❌	❌	❌	❌
Server-side Request Forgery Penetration Testing	✅	❌	❌	❌	❌	❌
Session Hijacking Penetration Testing	✅	❌	❌	❌	❌	❌
Session Management Penetration Testing	✅	❌	❌	❌	❌	❌
Shadow IT Detection Penetration Testing	✅	❌	❌	❌	❌	❌
Social Media Footprinting Penetration Testing	✅	❌	❌	❌	❌	❌
Spear Phishing Penetration Testing	✅	❌	❌	❌	❌	❌
SSL-TLS Penetration Testing	✅	❌	❌	❌	❌	❌
Wordpress Penetration Testing	✅	❌	❌	❌	❌	❌
Third Party and Supplier Penetration Testing	✅	❌	❌	❌	❌	❌
Third-party Software Penetration Testing	✅	❌	❌	❌	❌	❌
Threat Hunting Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Token Permissions Penetration Testing	✅	❌	❌	❌	❌	❌
Unauthorized Data Access Penetration Testing	✅	❌	❌	❌	❌	❌
URL Manipulation Penetration Testing	✅	❌	❌	❌	❌	❌
Use of Known Vulnerabilities Penetration Testing	✅	❌	❌	❌	❌	❌
Version Detection Penetration Testing	✅	❌	❌	❌	❌	❌
Virtual Machine Security Penetration Testing	✅	❌	❌	❌	❌	❌
VoIP Penetration Testing	✅	❌	❌	❌	❌	❌
VPN Security Penetration Testing	✅	❌	❌	❌	❌	❌
Vulnerabilities and Exposures (CVE) database Penetration Testing	✅	❌	❌	❌	❌	❌
Vulnerability Analysis Penetration Testing	✅	❌	❌	❌	❌	❌
Web Services-API Penetration Testing	✅	❌	❌	❌	❌	❌
Work from home Penetration Testing	✅	❌	❌	❌	❌	❌
Zero Trust Architecture Penetration Testing	✅	❌	❌	❌	❌	❌
Zero-day Exploit Penetration Testing	✅	❌	❌	❌	❌	❌
Mobile Application Penetration Testing	✅	❌	❌	❌	❌	❌
Man-in-the-Middle (MITM) Attacks Penetration Testing	✅	❌	❌	❌	❌	❌
Malware Analysis and Reverse Engineering	✅	❌	❌	❌	❌	❌
Logs Auditing Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Logic Penetration Testing	✅	❌	❌	❌	❌	❌
Local Network Access Control Penetration Testing	✅	❌	❌	❌	❌	❌
Load balancer Penetration Testing	✅	❌	❌	❌	❌	❌
Linux Servers Penetration Testing	✅	❌	❌	❌	❌	❌
IoT Device Penetration Testing	✅	❌	❌	❌	❌	❌
Intrusion Prevention System (IPS) Penetration Testing	✅	❌	❌	❌	❌	❌
Insider Threat Simulation Penetration Testing	✅	❌	❌	❌	❌	❌
Input Validation Penetration Testing	✅	❌	❌	❌	❌	❌
Infrastructure Configuration Review Penetration Testing	✅	❌	❌	❌	❌	❌
Information Disclosure Penetration Testing	✅	❌	❌	❌	❌	❌
Incident Response Capability Penetration Testing	✅	❌	❌	❌	❌	❌
Human Interface Device (HID) Attacks Penetration Testing	✅	❌	❌	❌	❌	❌
HTTP protocol verbs Penetration Testing	✅	❌	❌	❌	❌	❌
Firewall Configuration Penetration Testing	✅	❌	❌	❌	❌	❌
File Upload Penetration Testing	✅	❌	❌	❌	❌	❌
File system permissions Penetration Testing	✅	❌	❌	❌	❌	❌
Encryption At Rest & In Transit Penetration Testing	✅	❌	❌	❌	❌	❌
Embedded Device Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Email Phishing Campaigns Penetration Testing	✅	❌	❌	❌	❌	❌
Email Configuration Penetration Testing	✅	❌	❌	❌	❌	❌
DNS Security Penetration Testing	✅	❌	❌	❌	❌	❌
DDoS Mitigation Capability Penetration Testing	✅	❌	❌	❌	❌	❌
Database Security Penetration Testing	✅	❌	❌	❌	❌	❌
Cyberthreat Intelligence Penetration Testing	✅	❌	❌	❌	❌	❌
Cryptography for Penetration Testers	✅	❌	❌	❌	❌	❌
Cross-Site Request Forgery (CSRF) Attacks Penetration Testing	✅	❌	❌	❌	❌	❌
Cookie Security Penetration Testing	✅	❌	❌	❌	❌	❌
Content Management System (CMS) Penetration Testing	✅	❌	❌	❌	❌	❌
Codebase Review Penetration Testing	✅	❌	❌	❌	❌	❌
Code Injection Penetration Testing	✅	❌	❌	❌	❌	❌
Cloud Storage Penetration Testing	✅	❌	❌	❌	❌	❌
Cloud Container Penetration Testing	✅	❌	❌	❌	❌	❌
Client-side Security Controls Penetration Testing	✅	❌	❌	❌	❌	❌
Clickjacking Penetration Testing	✅	❌	❌	❌	❌	❌
Business Logic Penetration Testing	✅	❌	❌	❌	❌	❌
Brute Force Attacks Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
Breach Readiness Assessment Penetration Testing	✅	❌	❌	❌	❌	❌
Bot Detection Penetration Testing	✅	❌	❌	❌	❌	❌
Backup and Recovery Penetration Testing	✅	❌	❌	❌	❌	❌
Azure, AWS, GC Penetration Testing	✅	❌	❌	❌	❌	❌
Asset Discovery Penetration Testing	✅	❌	❌	❌	❌	❌
ARP Spoofing Penetration Testing	✅	❌	❌	❌	❌	❌
Application Container Penetration Testing	✅	❌	❌	❌	❌	❌
Application Behavior Penetration Testing	✅	❌	❌	❌	❌	❌
SSH Penetration Testing	✅	❌	❌	❌	❌	❌
WAF Penetration Testing	✅	❌	❌	❌	❌	❌
Blockchain Penetration Testing	✅	❌	❌	❌	❌	❌
DevSecOps in Penetration Testing	✅	❌	❌	❌	❌	❌
Identity and access management (IAM) Penetration Testing	✅	❌	❌	❌	❌	❌
Ethics in Penetration Testing	✅	❌	❌	❌	❌	❌
Tools in Penetration Testing	✅	❌	❌	❌	❌	❌
POS Systems Penetration Testing	✅	❌	❌	❌	❌	❌
Advanced Persistent Threat (APT) Penetration Testing	✅	❌	❌	❌	❌	❌
ATM Penetration Testing	✅	❌	❌	❌	❌	❌

RCCE Modules

	RCCE	CEH	GIAC	Security+	Pentest+	CISSP
RFID and Access Control Penetration Testing	✅	❌	❌	❌	❌	❌
Endpoint Penetration Testing	✅	❌	❌	❌	❌	❌
Industrial Control Systems (ICS) & SCADA Penetration Testing	✅	❌	❌	❌	❌	❌
Dark Web Penetration Testing	✅	❌	❌	❌	❌	❌
Quantum Computing Penetration Testing	✅	❌	❌	❌	❌	❌
AI and Machine Learning Systems Penetration Testing	✅	❌	❌	❌	❌	❌
Big Data Penetration Testing	✅	❌	❌	❌	❌	❌
Biometric Systems Penetration Testing	✅	❌	❌	❌	❌	❌
Drone & Robotics Penetration Testing	✅	❌	❌	❌	❌	❌

EC-COUNCIL - TO GET THE CYBERSECURITY ENGINEER SKILLSET

DON'T BE A SUCKER

You will need to attend all these trainings

Pay for EC-Council CEH Training - $3,900

Pay for EC-Council CEH Practical Training $3,900

Pay for vCPENT (Pen Test Training) $3,900

Pay for EC-Council CND (Network Defender) $3,900

Pay for EC-Council CBP (Blockchain Training $3,900

Pay for EC-Council CCISO Training $3,900

Pay for EC-Council Incident Handling Training $3,900

Pay for EC-Council Encryption Specialist Training $3,900

Pay for EC-Council EDRP (Disaster Recovery Training $3,900

Pay for EC-Council Cloud Security Training $3,900

Pay for EC-Council Application Security Training $3,900

Pay for EC-Council Secure Programming Training $3,900

Annual renewal fees: $960

Total USD $46,000

**** Prices are rough estimate, not accurate***

RCCE - TO GET THE CYBERSECURITY ENGINEER SKILLSET

Just take the RCCE and you are done!

SAVE Time & Money
Become a real
CyberSecurity Engineer

EC-COUNCIL COSTS 50 TIMES MORE THAN RCCE

THAT IS SMART

↓

Annual renewal fees: $80

Save $$$$

**** Prices are rough estimate***

HOW DOES RCCE COMPARE WITH OTHER CERTIFICATIONS

RCCE IS ELITE

The Rocheston Certified Cybersecurity Engineer (RCCE) program distinguishes itself as a superior leader in the cybersecurity training landscape for several well-founded reasons. Here's an in-depth comparison showcasing its superiority over competing programs.

FORWARD-LOOKING

The Rocheston Certified Cybersecurity Engineer (RCCE) program offers a comprehensive, forward-looking, and hands-on approach to cybersecurity training that is distinct from other certifications.

Its inclusion of advanced and emerging technologies, combined with the depth of hands-on real-world lab experience and a broad, vendor-neutral curriculum, positions RCCE as a premier certification for professionals seeking to advance their expertise in cybersecurity.

RCCE IS PROGRESSIVE

- *While certifications like Security+, CISSP, and CEH hold value and recognition within the industry, RCCE's unique blend of features caters to a rapidly evolving cybersecurity landscape, preparing professionals not just for today's threats but for the challenges and innovations of tomorrow.*

- *The cybersecurity arena is replete with numerous certifications, each designed to cater to different facets of the field. The Rocheston Certified Cybersecurity Engineer (RCCE) program, however, sets itself apart through its encompassing, progressive, and immersive curriculum and training methodology.*

STATE-OF-THE-ART CYBER RANGE LABS

- *Hands-On Learning Experience: RCCE training incorporates state-of-the-art cyber range labs, providing participants with a unique hands-on learning experience that closely simulates real-world cybersecurity scenarios.*
- *This practical approach contrasts sharply with programs that rely heavily on theoretical knowledge. The immersive cyber range labs facilitate a deeper understanding of how to counteract and defend against complex cyber threats effectively, making RCCE training exceptionally practical and applicable.*

CYBER RANGE SPHERE

FORWARD-THINKING CURRICULUM

- *Emphasis on Emerging Threats and Technologies: The cybersecurity field is rapidly evolving, and RCCE stays ahead of the curve by incorporating the latest trends, threats, and technological advancements into its curriculum.*
- *This forward-thinking approach ensures that RCCE-certified professionals are not just prepared for today's cybersecurity landscape but are also equipped to adapt to future challenges, a benefit not always guaranteed in other programs.*

CURRICULUM DEPTH AND SCOPE

- *While CISSP is revered for its extensive coverage, emphasizing managerial perspectives alongside technical aspects, it may not immerse learners in the practical, hands-on experiences that are pivotal in today's cybersecurity landscape. RCCE fills this gap with a curriculum that is both broad in knowledge and deep in practical application.*

- *CEH focuses predominantly on offensive security skills. In comparison, RCCE takes a more balanced approach, educating individuals on both offensive tactics and defensive strategies, ensuring a full-circle understanding of cybersecurity challenges and solutions.*

REAL-WORLD APPLICATION AND CYBER RANGE LABS

- *A distinguishing feature of RCCE is its cyber range labs, which simulate complex real-world cybersecurity scenarios, offering learners an unparalleled immersive experience.*

- *Unlike Security+ and CISSP, which may lean more towards theoretical learning, RCCE emphasizes practical, hands-on experiences, catapulting learners into the thick of cyber warfare in controlled environments.*

EMPHASIS ON FUTURE-READY SKILLS

- *RCCE distinguishes itself by focusing profoundly on futuristic and evolving technologies.*
- *It doesn’t just prepare learners to address current security challenges but equips them with the knowledge to anticipate and mitigate future vulnerabilities, a feature not specifically highlighted to the same extent in Security+, CISSP, or CEH.*

https://www.silotech-academy.com/rocheston