

A dark blue background featuring a faint, glowing circuit board pattern that tapers towards the top right.

COURSE BROCHURE

Become a ZecurX Certified
Cybersecurity Expert

Company Overview

ZecurX is a cutting-edge cybersecurity and technology enterprise offering a full spectrum of offensive security services, enterprise-grade solutions, and security-integrated product development. We specialize in helping organizations proactively secure their infrastructure, applications, and digital assets while enabling innovation through secure development practices.

With a strong foundation in ethical hacking and offensive security, ZecurX is built by certified professionals with international recognition. We combine hands-on penetration testing with secure software engineering and network hardening, empowering enterprises to stay ahead of evolving cyber threats.



Vision

To become a global leader in enterprise cybersecurity and secure technology innovation by integrating proactive defense, offensive security, and AI-powered solutions across digital ecosystems.

Mission

To deliver enterprise-grade cybersecurity services, secure software products, and advanced training solutions, helping businesses, institutions, and developers build and maintain trusted, attack-resilient systems.



Core Offerings

Enterprise Cybersecurity Services

- **Penetration Testing as a Service (PTaaS):** Real-time vulnerability discovery and exploitation reporting with remediation roadmap, covering web apps, APIs, networks, cloud, IoT, and Active Directory.
- **Vulnerability Assessment & Risk Auditing:** Industry-standard audits (OWASP, NIST, ISO) for risk profiling, compliance alignment, and asset protection.
- **Red Team Assessments:** Simulated adversarial attacks tailored for enterprise security stress testing and breach detection.
- **Security Operations & Threat Hunting:** Continuous monitoring, behavior-based threat detection, and response strategies for advanced persistent threats (APT).

Secure Software Development & Web Solutions

- **Web & Application Development:** Scalable, custom-built web platforms and enterprise-grade applications designed with DevSecOps integration.
- **Security-Centric Code Review & Testing:** Manual and automated code analysis to identify logical and architectural flaws before deployment.
- **Cloud Application Security:** Design and hardening of secure cloud-native applications (AWS, Azure, GCP) with CI/CD security gates.
- **Enterprise Dashboard & Portals:** Robust, role-based portals for academic institutions, internal enterprise tools, and real-time analytics.



Core Offerings

Corporate & Institutional Training Programs

- **Enterprise Cybersecurity Training (Offline + Cloud-Labs):** 160-hour AI-powered, hands-on training program for corporate teams, IT departments, and academic partners.
- **Faculty Development Programs (FDP):** Up-skilling faculty members in offensive security, red teaming, and secure programming principles.
- **Custom Workshops & Seminars:** Tailored workshops in Offensive Security, Ethical Hacking, and Awareness Programs for colleges and corporates.
- **Certification Programs:** Proprietary certifications like zxCPEH, zxCPPT, zxCCF, zxCCE & zxCCP with verifiable license numbers, ranked trainers, and national-level recognition.

Key Differentiators

- **Enterprise-First Approach:** We design, test, and deliver with enterprise environments in mind: scalable, secure, and compliant.
- **End-to-End Security Integration:** From code to cloud, our services embed security throughout the SDLC and deployment.
- **Original IP & Tools:** All CTFs, training modules, and utilities are 100% original and branded under ZecurX.
- **Verified Certifications:** Our students receive certifications traceable on the ZecurX platform via license ID.
- **Elite Talent Pool:** Our team includes EC-Council Certified Ethical Hackers and industry-recognized professionals.





ZecurX

Break. Build. Secure

zxCCP: ZecurX Certified Cybersecurity Expert

COURSE OVERVIEW

zxCCE

ZecurX Certified Cybersecurity Expert (zxCCE)

Course Overview

The ZecurX Certified Cybersecurity Expert (zxCCE) is the advanced-level certification designed for students and professionals who have mastered foundational and practitioner-level cybersecurity concepts (zxCCF and zxCCP).

This program focuses on adversary emulation, red teaming, malware analysis, and forensics, preparing learners for elite security roles.

Course Objectives

- Master advanced offensive and defensive cybersecurity techniques.
- Simulate real-world cyberattacks and incident response scenarios.
- Prepare students for roles like Red Team Operator, SOC Analyst (L2/L3), and Malware Analyst.

Why Choose zxCCE?

- Real-world red teaming & incident response training Advanced malware & exploit analysis
- Designed for cybersecurity professionals aiming for elite roles
- Ideal for placements, internships, and research projects
- Delivered by EC Council certified trainer and ZecurX Certified Trainers
- **ISO 9001:2015 Certified Training System** ensuring global quality standards in delivery and assessment.

Duration & Fees

- **40 Hours** (Professional Add-on Program)



ZecurX Certified Cybersecurity Expert (zxCCE)

Program Highlights

Topics Covered

- Ethical Hacking & Penetration Testing Fundamentals
- Information Gathering & Reconnaissance
- Vulnerability Scanning & Exploitation
- Web Application Security (OWASP Top 10)
- Network Security Testing
- CTF & Lab-Based Exercises

Hands-On Labs

- Network Scanning & Enumeration
- Exploitation with Nmap, Nikto, and Burp Suite
- Web Vulnerability Identification (SQLi, XSS)
- Basic Exploitation via Metasploit
- CTF: Multi-stage Web & Network Exploitation

Program Overview

- **Duration:** 35–40 Hours
- **Target Audience:** Intermediate learners, students who completed zxCCF, or anyone with basic IT knowledge.
- **Goal:** Gain real-world experience in ethical hacking, reconnaissance, exploitation, and vulnerability remediation.
- **Mapped Job Roles:**
 - Junior Penetration Tester
 - SOC Analyst (L1)
 - Vulnerability Assessment Analyst
 - Web Security Associate



ZecurX Certified Cybersecurity Expert (zxCCE)

Certification Details

Assessment

- 50 Multiple Choice Questions (MCQs)
- Red Team Simulation + Technical Report Submission
- Passing Score: 75%

Outcome

- ZecurX Certified Cybersecurity Expert Certificate (Digital + Printed)
- Eligible for internship placement or advanced industry roles

Certificate Features

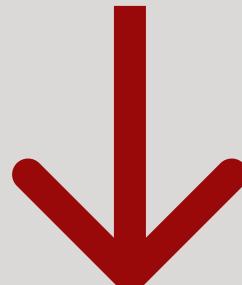
- Unique Certificate ID + QR Verification
- Co-branded (optional) with partner institutions
- Digital + Physical Certificate Options

Mapped Career Roles (Entry-Level)

- Red Team Operator
- SOC Analyst (L2/L3)
- Incident Responder
- Malware / Forensics Analyst
- Security Consultant

COURSE OUTLINE

Unlock your offensive edge with 15 hands-on modules of zxCCE – built for real-world red teams.



ZecurX Certified Cybersecurity Expert (zxCCE)

Course Modules

Module 1	Advanced Penetration Testing Techniques	Buffer overflow & privilege escalation PE injection & exploit chaining
Module 2	Red Team vs Blue Team Methodology	Attack simulation & defense correlation Command-and-control frameworks
Module 3	Post-Exploitation & Lateral Movement	Maintaining persistence Credential dumping & pivoting
Module 4	Privilege Escalation (Windows/Linux)	Exploiting misconfigurations & kernel flaws
Module 5	Active Directory Attacks	Kerberoasting, DC Sync, GPO abuse
Module 6	Social Engineering & Payload Delivery	Phishing campaigns & custom payloads
Module 7	Malware Analysis & Reverse Engineering	Static/dynamic analysis Detection evasion & sandbox testing
Module 8	Incident Response & Log Analysis	Evidence collection & timeline reconstruction ELK Stack, Syslog & Event Viewer
Module 9	Digital Forensics Essentials	Disk & memory imaging Chain of custody & report preparation
Module 10	Technical Report Writing	Professional red team report generation Executive summary & technical debrief

ZecurX Certified Cybersecurity Expert (zxCCE)

Course Modules

Module 11	Writing Technical Pentest Reports	Executive Summary, Risk Mapping, and Mitigation Recommendations
Module 12	Lab 1: Post-Exploitation in Realistic Environment	Simulated Corporate Breach, Persistent Access Setup, and Data Exfiltration
Module 13	Lab 2: Red Team Simulation + Reporting Exercise	Full Attack Chain Emulation, Reporting, and Debriefing
Module 14	Final CTF: From Recon to Root + Documentation	Multi-Stage Capture-the-Flag Challenge and Documentation
Module 15	Final Evaluation, LoR + Certification	Assessment Review, Letter of Recommendation, and Certificate Issuance

Program Accreditation

ISO 9001:2015 Certified Training Framework

Quality-Assured Curriculum | Globally Benchmarked Competency Outcomes

Clientele & Collaboration

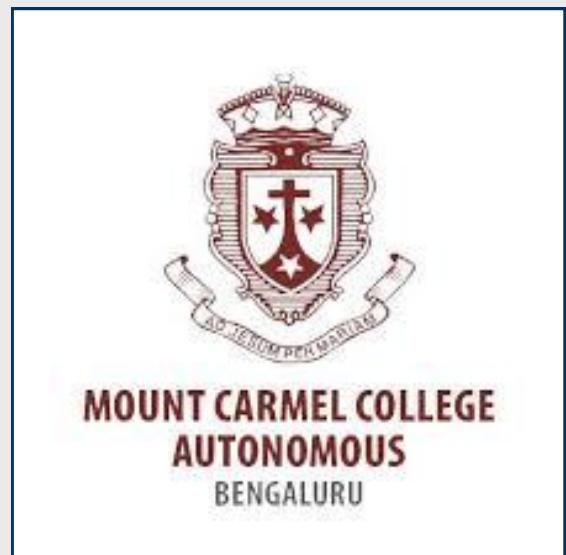
We have partnered with 12+ academic institutions and several private organizations, delivering:

- **Cybersecurity** solutions,
- **Training** for students and staff,
- **Internship** and placement **support**,
- Hackathons and tech **events**.

Let's Secure the Future – Together

Whether you're a growing business, a large enterprise, or an academic institution, ZecurX offers the tools, talent, and technology to Break, Build, and Secure your digital presence with confidence.

Our Partners



& many more





We Don't Just Teach Cybersecurity

We Build Red Teamers.

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