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TIER3

# CYBERSECURITY TRAINING HANDBOOK

*(UPDATED 2024)*

📍 TIER3 CYBERSECURITY SERVICES, AREEJ TOWER E-11/3 MARKAZ-ISB
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# Cybersecurity - Basics (CS1)

**Duration:** 1 Month (Mon-Fri) - Daily 1 Class 2Hrs (includes 1 Hr hand-on Lab) - Morning or Evening.

**Prerequisite:** Matric / O Levels- Must be English Literate

**Laptop Required:** Yes - Bring your own device (BYOD)

**Certifications:** Tier3 / Hack The Box / TryHackMe

**Fees: 35,000/- Rs**

EASY LEVEL

**Kickstart Your Cybersecurity Journey With Our Pre-Security Learning Path!**

Build the foundations for a secure future in Cybersecurity
Are you ready to dive into the world of Cybersecurity? Before you start hacking or defending, it's essential to understand the basics, our Pre-Security learning path is specifically designed for beginners, making it an accessible and engaging way to start your journey.

You will cover everything from network fundamentals to operating systems, giving you the skills you need to start strong.

This course is your launchpad into Cybersecurity, combining hands-on training with essential theory, as you progress, you'll gain s solid understanding of how the web works, learn foundational networking principles, and get comfortable using Linux and Windows systems-all critical for a career in Cybersecurity.

## Course Highlights

- Introduction to Cybersecurity
- Network Fundamentals
- How the Web works
- Linux Fundamentals
- Windows Fundamentals

SKILLS
BEGINNERS

## Earn Your Certificate Of Completion

Complete this course to earn a Certificate of completion that demonstrates your newfound Cybersecurity skills-perfect for enhancing your resume and showcasing your commitment to Cybersecurity.

**Start today and secure your future in Cybersecurity!**

# Cybersecurity-Advance (CS 2)

**Duration:** 1 Month (Mon-Fri) - Daily 1 Class 2Hrs (includes 1 Hr hand-on Lab) - Morning or Evening.

**Prerequisite:** FSC (Computer Science) / A Levels (Computer Science) or Fresh I.T Graduate

**Laptop Required:** Yes-Bring your own device (BYOD)

**Certifications:** Tier3/ Hack The Box / TryHackMe /

**Fee: 50,000/- Rs**

MEDIUM
LEVEL

## Our Beginner-Friendly Cyber Security Training Path!

**Build A Strong Foundation In Cyber Security**

Our comprehensive introductory path is designed for beginners who want to explore the world of computer security with ease and confidence. Covering the core concepts across various domains, this training offers you a structured approach to understanding the essentials, including:

-Computer Networking and Cryptography
-MS Windows, Active Directory, and Linux Basics
-Offensive and Defensive Security Tools and Techniques
-Insight into Cyber Security Careers

## Course Highlights

- Start Your Cyber Security Journey
- Linux Fundamentals
- Windows and Active Directory Essentials
- Command Line Mastery
- Networking Fundamentals
- Cryptography Essentials
- Introduction To Exploitation
- Web Hacking Skills
- Offensive Security Tools
- Defensive Security
- Essential Security Solutions
- Advanced Defensive Tooling
- Build Your Cyber Security Career

SKILLS
SPECIALIST

**Get Started Today**

This beginner-friendly path is ideal for newcomers ready to establish a solid foundation in Cybersecurity and build a rewarding career. Discover each area in-depth, gain hands-on experience, and develop the skills needed to thrive in the Cybersecurity landscape.

# Red Team Level 1 (PT 1)

**Duration:** 1 Month (Mon-Fri) - Daily 1 Class 2Hrs (includes 1 Hr hand-on Lab) - Morning or Evening.

**Weekend Option Available:** 3-hours sessions (Sat-Sun) with 1.5 hour lab

**Prerequisite:** I.T Graduate or 2+ years of Cybersecurity experience

**Laptop Required:** Yes-Bring your own device (BYOD)

**Certifications:** Tier3/ Hack The Box / TryHackMe / and others

**Fees: 50,000/- Rs**

MEDIUM LEVEL

## Learn Offensive Security Skills With Our Red Team Training Course

Kickstart your career in offensive security! This entry-level course is ideal for IT graduates or Cybersecurity professionals with at least 1 year of field experience, providing hands-on training with essential tools and techniques for penetration testing.

Unlock the skills to become a sought-after penetration tester with our hands-on, practical learning path. Dive into penetration testing methodologies, from enumeration and exploitation to comprehensive reporting.

This program is designed to give you real-world experience with industry-standard security tools, setting you on the path to success. Complete the journey and earn your Certificate of Completion!

## Course Highlights

1. Foundational Cybersecurity Knowledge
2. Essential Pentesting Skills
3. Web Hacking Techniques
4. Burp Suite Mastery
5. Network Security Fundamentals
6. Vulnerability Research
7. Metasploit Training
8. Privilege Escalating
9. VAPT Level 1 Labs and Challenges

SKILLS SPECIALIST

## Choose Our Offensive Security Path

Gain industry-recognized certifications, intensive hands-on training, and real-world skills required to excel in today’s Cybersecurity landscape. secure your place today and prepare to stand out in the field of penetration testing!

**Embark on a Learning path That Provides Practical Skills And Real-World Applications!**

# Red Team Level 2 (PT2)

**Duration:** 1 Month (Mon-Fri) - Daily 1 Class 2Hrs (includes 1 Hr hand-on Lab) - Morning or Evening.

**Weekend Option Available:** 3-hours sessions (Sat-Sun) with 1.5 hour lab

**Prerequisite:** IT graduate or 2-years of Cybersecurity experience

**Laptop Required:** Yes-Bring your own device (BYOD)

**Certifications:** Tier3/ Hack The Box / TryHackMe and others

**Fees: 75,000/- Rs**

HARD
LEVEL

## Become A Certified Red Team Operator-Master the Art Of Offensive Security

Step into the world of Red Teaming with our expertly designed Red Team Operator course.Gain hands-on skills that go beyond traditional penetration testing, equipping you to conduct realistic attack simulations that challenge and sharpen the defense capabilities of your clients.

If you're a Cybersecurity professional looking to advance In offensive security and aiming to specialize in Red Team operations, then this course provides the comprehensive learning experience you need.

## Course Highlights

SKILLS
EXPERT

1. Master reconnaissance techniques to identify entry points
2. Explore weaponization and password attacks
3. Develop phishing strategies to gain access to target systems
4. Understand network layout and perform advanced enumeration
5. Execute privilege escalation and establish local persistence on target systems
6. Practice lateral movement, pivoting, and data exfiltration techniques
7. Divide into windows internals and API manipulation
8. Bypass antivirus detection using advanced shellcode and obfuscation methodes
9. Evade logging and monitoring to remain undetected
10. Grasp the fundamentals of active directory and how to breach it
11. Perform lateral movement within active directory environments
12. Harvest credentials, exploit AD vulnerabilities, and establish persistance
13. VAPT LEVEL 2 labs and challenges

## Learn To Be A Hunter-Join The Wolf Pack

Our training rooms are designed to build skills progressively, offering a structured approach that enables you to emulate real-world adversary tactics in complex environments.

**Learn and train with Tier3's Red Team - "The Wolf Pack"**

# Blue Team Level 1 (SOC 1)

**Duration:** 1 Month (Mon-Fri) - Daily 1 Class 2Hrs (includes 1 Hr hand-on Lab) - Morning or Evening.

**Weekend Option Available:** 3-hours sessions (Sat-Sun) with 1.5 hour lab

**Prerequisite:** IT graduate or 1-year experience in Cybersecurity

**Laptop Required:** Yes-Bring your own device (BYOD)

**Certifications:** Tier3/ Hack The Box / TryHackMe /

**Fees: 50,000/- Rs**

MEDIUM LEVEL

## Become A Junior Security Analyst With Industry-Leading Training

Ready to launch your Cybersecurity career? Our comprehensive junior Security Analyst programe prepares you to exel in a security operations Centre (SOC) as a Tier_SOC Analyst. Learn essential skills to monitor detect, and respond to cyber threats in a fast-paced, Real-World environment.

## Key Skills You'll Master

- **Traffic Anomaly Detection:** Identify and analyze unusual traffic patterns that could signal a threat.
- **Endpiont Threat Monitoring:** Ensure secure endpoints by spotting signs of infiltration.
- **SIEM Tools Utilization:** Handle and investigate security incidents with industry-standard SIEM platforms.
- **Digital Forensics:** Investigate forensic artifacts to identify and mitigate breaches.

## Course Highlights

1. Cyber Defense Frameworks.
2. Cyber Threat Intelligence.
3. Network Security & Traffic Analysis.
4. Endpoint Security Monitoring.
5. Security Information and Event Management (SIEM)
6. Digital Forensics and Incident response (DFIR)
7. Phishing Analsis
8. SOC Level 1 Labs and Challenges

SKILLS SPECIALIST

## Earn Your Certificate Of Completion

Upon completion, earn a Certificate of completion to showcase your skills as a junior Security Analyst ready for the field.

**Start Your Cybersecurity Journey Today**

# Blue Team Level 2 SOC 2

**Duration:** 1 Month (Mon-Fri) - Daily 1 Class 2Hrs (includes 1 Hr hand-on Lab) - Morning or Evening.

**Weekend Option Available:** 3-hours sessions (Sat-Sun) with 1.5 hour lab

**Prerequisite:** IT graduate or 2-years of Cybersecurity experience

**Laptop Required:** Yes-Bring your own device (BYOD)

**Certifications:** Tier3/ Hack The Box / TryHackMe / ECCOUNCIL

**Fees: 75,000/- Rs**

HARD
LEVEL

## Advance Your SOC Analyst Career With Practical, Hands-On Skills

Ready to elevate your career in security operations? Our SOC Level 2 path is designed for Cybersecurity professionals aiming to take the next step in becoming advanced SOC analyst. this path equips you with in-depth skills across a wide range of essential topics, including security operations, incident response, Malware Analysis, Threat hunting, and more.

### What You'll Learn

- **Security Operations**
- **Log Analysis**
- **Advanced Splunk And ELK**
- **Detection Engineering**
- **Threat Hunting & Threat Emulation**
- **Incident Response**
- **Malware Analysis**

SKILLS
EXPERT

## Course Highlights

1 Intro to Logs, Log Operations, and Log Analysis.
2 SPL Exploration, SOC Lab Setup, Data Manipulation, and Report Building
3 Data Processing, Custom Alerts, And Advanced Queries
4 Tactical Detection, Treat Intel, and EDR Tools.
5 Threat Hunting, Pivoting, Foothold, and Endgame Scenerios.
6 Threat Modeling, Red Team, Blue Team and Purple Team Simulations.
7 Incident response preparation, identification, Containment, Remediation.
8 PE Headers, Static and Dynamic Analysis, Debugging, and Anti-Reverse Engineering.
9 SOC Level 2 Labs and Challenges

## Take The Next Step In Cybersecurity

Empower your Cybersecurity career with the tools, Techniques, and certifications that matter. Join the SOC Level 2 Path and become a skilled SOC Analyst, ready to protect and defend in today's digital landscape.

# About Tier3

## Protecting Digital Pakistan: Tier3 Cyber Security Services

Tier3 Cyber Security Services has been a trusted name in pakistan's Cybersecurtity landscape since 2011, dedicated to fortifying the digital security of pakistani enterprise, government bodies, and individuals.

With over 12 years of expertise, Tier3 stands as pakistan's premier cybersecurity, technology, and innovation firm, delivering top-notch solutions tailored for the digital era. Our success lies in providing a safe and Cyber-resilient environment, ensuring that you, your business and your critical data remain secure and protected.

**We Specialize in Assessing, Analyzing, And Managing Cybersecurity Risks.**
**With Tier3, you're in Safe Hands.**

# Cybersecurity Services

**- Cybersecurity Services:** We utilize an integrated Cybersecurity Mesh Platform and Zero Trust Framework to build a solid cyber defence for your organization.

**- Penetration Testing:** Proactively assess vulnerabilities with our penetration testing services, simulating real-world attacks to help you understand and reinforce your weakest security links.

**- Static Application Security Testing (SAST):** Analyze your source code to detect vulnerabilities and coding errors.

**- Attack Surface Analsis:** Map out and secure your IT systems, managing risk across your software supply chain with risk Management.

**- Cyber Threat Intelligence:** Real-time threat data analysis to anticipate and counter cyberattacks, empowering your team with data-driven actions.

**- Cybersecurity Training In Pakisatan:**
Pakistani organizations, job seekers, students - covering advanced technical skills, recognized certifications, and hands-on defence tactics to bridge the cybersecurity skills gap.

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