

Cyber Security Training

Awarded as the Best training institute for cyber security training



Executive Summary

Overview

Our Institute is committed to staying at the forefront of cybersecurity best practices, and we believe that investing in the training and certification of our team members is crucial to this effort. The Cyber Security certification, offered by Offensive Security and Eccouncil, is a highly respected and recognized credential in the field of cyber security.

In this training proposal, we outline a comprehensive training programs are designed to prepare our employees for the Cyber security certification The program will be delivered through a combination of online coursework, hands-on lab exercises, and real-world simulations. It will cover a wide range of topics, including ethical hacking, vulnerability assessment, and exploitation techniques.

We believe that this training program will not only benefit our employees, but will also result in improved security practices and a stronger security posture for the company. We look forward to supporting the professional development of our team and obtaining certification for our employees.

About Macksofy Global

Macksofy Global, awarded as one of the best institutes in providing cyber security training by EC Council and CSI. Macksofy Global is a Canadian Institute that specializes in the full spectrum of Cyber-security solutions. We help an organization monitor, detect, report, and counter cyber threats and attempts to hack critical information using spyware, malware, and phishing to maintain data confidentiality. fast paced technology advancements depend highly on data and connectivity, making them susceptible to breaches and attacks. Thus, there is a growing necessity to focus on developing countermeasures to safeguard critical information. Cybersecurity is not just the domain of corporate citizens; it is as important to create ethical hackers and security professionals who will continue to protect our tomorrow. Macksofy Global in collaboration with North American Tech-Education powerhouses like EC Council, CompTIA, OffSec, AWS brings the winning combination of Training and Certification in the world of Cybersecurity to Canadian shores.

Rapid technological improvements are heavily dependent on data and communication, rendering them vulnerable to hacks and other assaults. As a result, the need for the area to concentrate on creating defences to protect sensitive information is expanding. It is equally crucial to develop ethical hackers and security experts who will continue to safeguard our future as cybersecurity is not solely the responsibility of corporate citizens. The winning mix of Training and Certification in the field of Cybersecurity is brought to Canadian shores by Macksofy Global in collaboration with North American tech-education powerhouses including EC Council, CompTIA, OffSec, and AWS.

Our Objective

To secure. To strengthen. To simplify.

Our objective is to provide comprehensive digital security solutions to inculcate a knowledge based culture of safe and secure use of cyber space so as to eliminate the disruptions to your business and life. We want to ensure that confidential information stored in the digital world remains confidential; that people who prey on unsecured technology stacks are captured in our 'security cages'; and that every patron or organization can use the cyber space freely, without the nagging thought that their data could easily fall into the wrong hands and be abused.

Our Vision

To create a virtual, safe and secured digital Environment.

We envisage a world where all users will operate on a level playing field and where no one can take advantage or be taken advantage of, by creating a safe, secure and easy to use Digital. Our vision is to provide a cyber space free from fear of disturbances and disruptions by the unscrupulous. A digital world devoid of the flaws of porous tech security. We want to provide services that make the cyber space a virtual utopia – a place where knowledge is nestled in a package that is beautiful yet strong, and where that knowledge is completely safe from prying eyes and devious hackers.

WHY MACKSOFY TRAINING ?

Our objective at Macksofy Global is to arm students and corporations with the skill set necessary to enjoy on a continuous basis a secure web experience. Our trainers are well experienced in conducting workshops designed to achieve this very objective. We have travelled across hundreds of institutions, teaching our trade to thousands of students. We have exposed to them the frailties of websites they visit regularly. We have shown them how vulnerable their confidential information is without safety measures. In the process, we may have scared them a little, but have made everyone aware of the lurking threats and armed everyone with the necessary knowledge to effectively neutralize those threats. Without intricate and confounding pedagogy, in a user friendly and engaging style, you will learn how you can plug the loopholes and browse the web fearlessly and confidently.

Our experienced web-security trainers actively participate in our field support, web security consulting and solution implementation. This brings real-life experience to the classroom environment.

Our Associations /Affiliations

Macksofy Global is a registered Private Limited company providing cyber security trainings for more than 8 Years. Macksofy Global is Authorized training institute for EC Council, Comptia and Offensive Security.

We are also associated with numerous global organizations, including the likes of CSI, NCSC, NISS, NCSC, Cyber War Room, Nullcon among many others. Our team comprises trainers with the experience of more than 1500 training hours under their belts. These hours have been spent teaching the nuances of information security to about 10,000 students in more than 100 colleges globally.

The set of skills possessed by the Macksofy Global Team has also come to the aid of many law enforcement agencies. Thus, we have imparted to them some of the know how required to solve both cyber and non-cyber crimes.



THE C|CT: AN INDUSTRY SOLUTION

WHAT IS THE C|CT CERTIFICATION?

The C|CT is an entry-level cybersecurity program engineered by EC-Council, the creator of the Certified Ethical Hacker (C|EH) certification, to address the global need and demand for cybersecurity technicians with strong foundational skills.

WHAT IS UNIQUE ABOUT THE C|CT?

Only Baseline
Cybersecurity Program
Worldwide, Offering

85 Real-life
Practical
Hands-on Labs

An immersive
**Practical
Certification**
Delivered in a
Live Cyber Range

50%
of Training Time:
Dedicated to Labs

**Performance-Based
Exam,**
combined with
Live Cyber Range
Activities.

Multidisciplinary
Learnings
**Network Defense,
Ethical Hacking,
Digital Forensics &
Security Operations**



WHAT DOES THE C|CT PROGRAM OFFER?

The C|CT provides the foundational skills essential for starting a career in cybersecurity, focusing on four disciplines: network defense, ethical hacking, digital forensics, and security operations.

Key Offerings:

»» Strong Foundational Coverage

The C|CT certification provides total foundational cybersecurity domain coverage with key concepts in each domain combined with practical hands-on labs and critical thinking challenges producing world-class cyber security technologists.

»» Live Range Experience

Other popular programs rely on simulation and interactivity as practical-based assessment, the C|CT program is delivered on a live Cyber Range utilizing live targets and real attack systems for a truly immersive, real-life practice and assessment platform.

»» Capture the Flag

The C|CT certification offers capture the flag (CTF) style critical thinking challenges to accompany each lab exercise putting knowledge into practice and providing a proven record of skill demonstration. Candidates completing the C|CT program will earn the C|CT certification and have a proven track record of performing the tasks required in a live Cyber Range, proving to employers their ability to perform critical job duties.

»» Multiple Certifications

The course outline of the C|CT program goes above and beyond some of the more common entry-level cybersecurity programs, such as the Security+, in a completely hands-on cyber range environment instead of simulations to ensure cybersecurity skills development. We believe that candidates who successfully attain the C|CT certification will attain other leading cybersecurity certifications, including Security+, without further training

»» Most Affordable

Despite the unique design of the heavily hands-on course and its uses of real-world cyber range capability, the certification is one of the most affordable in the world!



JOB ROLES FOR C|CT-CERTIFIED PROFESSIONALS

The C|CT certification prepares IT and cybersecurity professionals to handle a wide range of complex issues related to securing software, networks, and IT systems against common cyberthreats and attacks.

The C|CT offers a multifaceted approach that incorporates network defense, ethical hacking, and security operations to ensure that certification holders have a strong, well-rounded background that enables them to configure, analyze, and identify problems within an organization. The C|CT course equips participants with the skills required for the following roles:

- IT networking specialist
- Network administrator
- Cybersecurity technician
- Network engineer
- IT manager
- Security operations center (SOC) analyst

CYBERSECURITY TECHNICIAN JOB DESCRIPTION

Cybersecurity technicians provide technical cybersecurity support, troubleshoot network security problems, monitor alerts, and follow relevant policies, procedures, and standards to protect organizations' information assets.



Course Outline

Module 01 | INFORMATION SECURITY THREATS AND VULNERABILITIES

Module 02 | Information Security Attacks

Module 03 | Network Security Fundamentals

Module 04 | Identification, Authentication, and Authorization

Module 05 | Network Security Controls: Administrative Controls

Module 06 | Network Security Controls: Physical Controls

Module 07 | Network Security Controls: Technical Controls

Module 08 | Network Security Assessment Techniques and Tools

Module 09 | Application Security

Module 10 Virtualization and Cloud Computing

Module 11 Wireless Network Security

Module 12 Mobile Device Security

Module 13 Internet of Things (IoT) and Operational
Technology (OT) Security

Module 14 Cryptography

Module 15 Data Security

Module 16 Network Troubleshooting

Module 17 Network Traffic Monitoring

Module 18 Network Log Monitoring and Analysis

Module **19** | Incident Response

Module **20** | Computer Forensics

Module **21** | Business Continuity and Disaster Recovery

Module **22** | Risk Management

Exam Details

Exam Title: Certified Cybersecurity Technician

Exam Code: 212-82

Number of Questions: 60

Duration: 3 hours

Exam Availability Locations: ECC Exam Portal

Test Format: Multiple choice and Real Life hands-on Practical Exam

Exam Mode: Remote Proctoring Services

Passing Score: 70%

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