



# **CYBRON ASSOCIATE DEEP BLUE HACKING**

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**DEVELOP YOUR CAREER IN CYBER  
SECURITY**

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**GRADE 12<sup>th</sup> PASSED CANDIDATES ARE ELIGIBLE FOR THIS COURSE**

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## **CYBER SECURITY RAPID OFFENSIVE NATIVE FORUM**



**Published by:**

Cyber Security Rapid Offensive Native Forum

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## Contents

INTRODUCTION .....	4
CYBRON FRAMEWORK .....	5
CYBRON FRAMEWORK DESCRIPTION .....	6
PROGRAM BENEFITS TO & PRE-REQUISITE.....	7
REQUIRED QUALIFICATIONS.....	7
CREDENTIALS .....	7
BENEFITS .....	7
FURTHER BENEFITS OF THE PROGRAM .....	8
PROGRAM STRUCTURE .....	9
OTHER LEARNING ACTIVITIES.....	10
PROGRESSION OF THE PROGRAM .....	11
Awarding of Cybron Deep Blue Hacking Certification.....	11
DOMAINS AND TASKS.....	12
KNOWLEDGE AREAS.....	13
KNOWLEDGE AREAS.....	14
KNOWLEDGE AREAS.....	15
CYBRON ASSOCIATE REGISTRATION AND PAYMENT .....	16
<b>CYBRON ASSOCIATE ELIGIBILITY REQUIREMENTS</b> .....	16
<b>REGISTRATION PROCESS</b> .....	16
<b>PROGRAM BIFURCATION</b> .....	16
ASSESSMENT OF PROGRAM (ONLINE/PHYSICAL).....	17
CYBRON DEEP BLUE HACKING FEE STRUCTURE .....	18
CYBRON ASSOCIATE EXAMINATION SYSTEM .....	19
Partner Institute Internal Examination System .....	19
Cybron UK Online Exam System.....	19
CONTINUING EDUCATIONAL REQUIREMENTS (CER) PROGRAM .....	20
CONTACT DETAILS .....	21



## INTRODUCTION

### **We help you to establish your career in Cyber Security**

Many students aspire to build their careers in the field of cybersecurity, but due to the lack of proper guidance and structured pathways, they often struggle to progress in line with market demands. Research shows that while some schools have introduced cybersecurity-related content, the curriculum is limited, outdated, and insufficient to meet the evolving needs of both students and society.

However, emerging technologies are reshaping the landscape, and new methodologies and systems associated with Industry 4.0 and 5.0 play a vital role in building Society 5.0. To remain competitive in both local and international markets, students and professionals must develop a deep understanding of these latest technologies and acquire the skills to work effectively with them.

With reference to the above discussion, a significant gap between industry and academia has been identified. This gap continues to widen daily as technology evolves rapidly, while academic institutions often struggle to update and deliver the latest knowledge in a timely manner.

In this context, it is evident that our daily lives, whether at home, in the office, or in business are increasingly connected through digital technologies and the Internet. Today, most services and products are delivered via Information Technology, bringing immense convenience and efficiency. However, alongside these advantages comes the growing challenge of cybersecurity. To address this, I have developed a new framework that introduces cybersecurity education from the secondary school level and progressively advances to the professional level.

The Cybron Deep Blue Hacking program is for Grade 12<sup>th</sup> Passed or undergrad student and has been designed after detailed research to identify the essential concepts students should learn at this stage. It introduces them to the basics of cybersecurity, common threats, and practical ways to protect themselves in the digital world.

At the same time, the program focuses on shaping their mindsets positively toward the responsible use of digital technologies and their benefits. Through structured lectures and counseling sessions, we aim to influence both individual and societal attitudes, thereby reducing cyberattacks and crimes while creating a lasting positive impact on society.

## CYBRON FRAMEWORK

One of the Leading Learning Framework of Cyber Security





## CYBRON FRAMEWORK DESCRIPTION

The CYBRON framework, influenced by the international standard NIST (USA) and further expanded through research, addresses critical gaps in cybersecurity practices. While organizations and industries invest heavily in advanced security tools and monitoring systems to safeguard their data, processes, and technologies from unauthorized access, absolute security remains uncertain. Despite substantial investment, no organization can confidently claim complete protection against internal or external threats, attacks, or risks.

In this context, Dr. Muhammad Shaheer Waqar has introduced a new dimension in cybersecurity through the development of CYBRON - the Cyber Security Rapid Offensive Native Forum. According to his research, cybersecurity is not solely about tools and systems but fundamentally a matter of mindset. As children grow and learn about the world, they must also understand technology, its benefits, and its role in making life easier and more efficient. At the same time, they should recognize the importance of using these technologies responsibly rather than misusing them to harm others.

The first pillar of the CYBRON framework focuses on cultivating a positive mindset from an early age. Students are guided to view digital technologies as valuable, beneficial, and supportive tools in their daily routines. They are encouraged to use technology constructively and avoid negative or harmful practices.

Another key aspect of the framework is awareness of threats. Children and young learners are taught that malicious actors exist in the digital environment and may attempt to sabotage, harm, or disrupt their lives. Therefore, the "good users" must be equipped with knowledge of cybersecurity threats, risks, and challenges - both current and emerging, so they can protect themselves and, ultimately, contribute to safeguarding society and humanity at large.

Through this mindset-driven approach, the CYBRON framework seeks to create a generation of responsible digital citizens who are both aware of cybersecurity dangers and empowered to defend themselves and others in the digital age.



## PROGRAM BENEFITS TO & PRE-REQUISITE

### REQUIRED QUALIFICATIONS

- 12<sup>th</sup> grade passed or undergrad and Equivalent Qualifications
- Basic Knowledge of Computers

### CREDENTIALS

- Get the appropriate Cybron True Blue Hacking Certificate from Cybron International - UK
- International Recognized Certificate from Cybron UK

### BENEFITS

- Grade 12<sup>th</sup> Passed or Undergrad Students can opt this certification
- The courses is developed according to the requirements with practical approaches
- Learn and equip yourself for professional world
- After this course you will get better job proposition in the professional market
- Become a Cyber Security top-notch skilled candidate in the market
- Theory and practical will make you real cyber security person



## FURTHER BENEFITS OF THE PROGRAM

- The program equips management and staff at all levels with strategic IT and cybersecurity skills, strengthening the organization's overall security posture.
- Students gain hands-on experience through practical labs in each course, preparing them for successful careers in cybersecurity.
- It provides learners with clear guidance and pathways to build their careers step by step in the cybersecurity domain.
- The program enhances employees' skills, thereby increasing organizational productivity through effective training and development.
- It helps to motivate teams and build their capabilities in line with organizational and industry requirements.
- By promoting knowledge-sharing, the program fosters a cyber-aware culture in society, ensuring skills are transferred from person to person.
- Students develop greater efficiency through modern technology tools and methodologies, enabling them to perform at higher standards.
- The program contributes to making organizations safer and more secure in the face of evolving cyber threats.

## PROGRAM STRUCTURE



Total Lectures	10
Online Lectures	Available on LMS
Accredited Trainers	Can Deliver the lectures
Each Lecture Duration	2 hours
One Credit Hour	10 Learning Hours
Total Credits Required	2 Credit Hours
Assessment	Online / Paper based
Passing Criteria	70 percent



## OTHER LEARNING ACTIVITIES

Practical Assignments	08
Learning Activities	08
Complete all the labs and Submitted to your concern partner/trainer	10



## PROGRESSION OF THE PROGRAM

Total Credentials	=	2 Credit Hours
One Credit Hours	=	10 Learning hours
Final Assessment	=	Online or physical assessment can be taken

### Awarding of Cybron Deep Blue Hacking Certification

Once the candidate has completed the lectures and given the all internal examination, then institute or individual can directly apply to Cybron UK for assessment.



## DOMAINS AND TASKS

In this document you will find an updated structure for the CYBRON Certification Examination Content Outline. We have devised and simplifying the format so that the CYBRON CERTIFICATION is easier to understand and interpret.

The domain and task are well defined on the following pages:

**Domain:** Defined as the high-level knowledge area that is essential to the practice of Cyber Security.

**Tasks:** The underlying responsibilities of the cyber security team member within each domain area.

CYBRON CERTIFICATION Course examination will include all tasks of each domain, and CYBRON will adhere to the percentage of coverage at the domain level as outlined in the further pages.

# KNOWLEDGE AREAS



Advanced Cyber Security Techniques with Deep Blue Hacking	
Task 1	Understanding of Linux filesystem & operating System Working with different libraries, processes, commands, and files Customization of bash environment Learning of tools Netcat/Socat, Wireshark, Tcpdump, Bash Scripting etc Whois Enumeration Google Hacking Netcraft Recon-ng Open-Source Code Shodan Security Headers Scanner SSL Server Test Pastebin
Task 3	Social Media Tools  DNS Enumeration  Port Scanning  SMB Enumeration  NFS Enumeration  SMTP Enumeration  SNMP Enumeration

# KNOWLEDGE AREAS



Advanced Cyber Security Techniques with Deep Blue Hacking	
Task 3	Vulnerability Scanning Web Application Attacks
Task 4	Understanding of Windows Buffer Overflows  Windows Buffer Overflows  Linux Buffer Overflows
Task 5	Fixing Exploits  Fixing Web Exploits  Antivirus Evasion  Password Attacks  Port Redirection and Tunneling  Active Directory Attacks  NTLM Authentication
Task 6	The Metasploit Framework  Metasploit User Interfaces and Setup  Exploit Modules  Metasploit Payloads



## KNOWLEDGE AREAS

Advanced Cyber Security Techniques with Deep Blue Hacking	
Task 6	Building Our Own MSF Module Post-Exploitation with Metasploit Metasploit Automation
	Assembling the Pieces: Penetration Test Breakdown
	Targeting the Database
	Targeting Poultry
	Targeting the Jenkins Server
	Targeting the Domain Controller
	Passwords Phishing



## CYBRON ASSOCIATE REGISTRATION AND PAYMENT

### CYBRON ASSOCIATE ELIGIBILITY REQUIREMENTS

To be eligible for the Cybron Associate - Cybron True Blue Hacking program, the candidate must have passed the 12<sup>th</sup> grade or higher secondary school certificate.

<b>Educational Background</b>	<b>Grade 12<sup>th</sup> Passed or equivalent</b>
Know about the basic of computer skills	Must be earned from our any recognized institute

### REGISTRATION PROCESS

Registration can be done through our registered partners/trainer or if you do not have any registered partners in your vicinity then you can directly approach to Cybron International UK office through email [registration@cybroninternational.com](mailto:registration@cybroninternational.com) for admission and registration.

### PROGRAM BIFURCATION

The program is bifurcated into 20 learning hours where different tasks can be given to learn and understand and give the examination accordingly. The preparatory material is available through our partners/ trainers/ institutes and our LMS directly.



## ASSESSMENT OF PROGRAM (ONLINE/PHYSICAL)

- The paper will be an open book and students can give the answers according to scenarios
- The paper will be online including practical and theory.
- The weightage of examination will be 70% practical, and 30% theoretical.
- Practical assessment will be taken in labs assess by internal examiners, where theory paper will be taken through online or paper based (if online facility not available)
- Those candidate who cannot be able to give the online test and they do not have a facility, Therefore, their papers will be taken a paper based examination. Otherwise, center must have the facility to provide online test mechanism to students and facilitate for the final assessment.
- Assessment will be done according to domain and tasks defined above through our online methodology

### EVALUATION AND GRADING

- The performance of students is evaluated through continuous observation of a student's performance in the class participation, submission of assignments, quizzes and exercises.
- The student will be examined through exams conducted by CYBRON INTERNATIONAL. Total marks for passing the CERTIFICATION/DIPLOMA will be 70 out of a total of 100.



## CYBRON DEEP BLUE HACKING FEE STRUCTURE

S. No	Description	Fees
1	Program Fee For Members	575 British Sterling Pound
2.	Program Fee Non-Members	775 British Sterling Pound For



## CYBRON ASSOCIATE EXAMINATION SYSTEM

### Partner Institute Internal Examination System

- The concerned partner / institute / trainer or Cybron examination will take the online examinations and if the concerned partners/students would not have the facility to give the online examinations then it physical examination can be taken on request and partner will submit to the Cybron International Examination Department through email at [examinations@cybroninternational.com](mailto:examinations@cybroninternational.com)

### Cybron UK Online Exam System

Cybron International UK will provide access to all partners/trainers to schedule the exams of any course of any registered individual candidate. According to the availability of schedule, the partner institutes can schedule the exam of any individual subject or course/certification.



## CONTINUING EDUCATIONAL REQUIREMENTS (CER) PROGRAM

CER—Continuing Educational Requirements Program is important and supports the ongoing educational and professional development of any candidate. Therefore, Cybron International insists on keep learning according to current market requirements. You have to prepare to meet the demands of the market each today due to the most complex and competitive environment of businesses, you have to develop yourself.

The main purpose of CER is:

- Continuously develop yourself and enhance your learning capability
- Keep yourself updated about the latest trends in technologies and vulnerabilities
- We encourage and recognize individualized learning opportunities
- 40 hours of learning CER is mandatory to make your diploma/certification active
- Submit your membership and certification/diploma fee £10 every year
- Global Recognition to sustain the valuable diploma of Cybron International (CI)

Note: If you any issue to submit your CER and its, so you may contact to our local partner, who help you in this regard. Further, if you have any issue, then you can directly email us [examinations@cybroninternational.com](mailto:examinations@cybroninternational.com)



## CONTACT DETAILS

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