



RECON

CYBER SECURITY

DEFEND | DETECT | SECURE



OUR PARTNERS



OVERVIEW

In this course, students will learn the about Malware analysis techniques. Topics include Windows analysis, Dynamic analysis, Malware Behaviour, Rootkit Techniques and more.

PRE-REQUISITES

Students should have prior knowledge with Operation System such as : Windows 7, 8, 10, or 11 etc.



WHO WE ARE

We promise to offer the best training and certification programs to our students. We provide the programs and resources you need to succeed if you are just beginning your Cyber security career or are an experienced expert wishing to develop your skills. Contact us today to learn more about our training and certification options!

WHY CHOOSE US

Welcome to our Cyber Security Training Institute, where we are committed to giving individuals and organisations who want to protect their digital assets through training and certification programmes. Our knowledgeable Trainers will bring you through the complexities of cyber security with their cutting-edge expertise and practical experience. You will learn useful methods and abilities to protect yourself from online dangers, such as ethical hacking, network security, incident response, and other things. Our programmes give you the opportunity to hone your skills and grow your profession through practical lab experiences and individualised coaching.



MALWARE ANALYSIS COURSE CONTENT

COURSE DURATION: 35 hrs

■ Lesson 1 : Introduction to Malware Analysis

- Overview of Malware Types
- Importance of Malware Analysis
- Key Concepts and Terminology
- Tools and Resources for Malware Analysis

■ Lesson 2 : Basic Of Analysis

- Introduction to Static and Dynamic Analysis
- Setting Up a Safe Analysis Environment
- Basic Analysis Techniques
- Identifying and Categorizing Malware Samples

■ Lesson 3 : Advanced Static Analysis

- Understanding Code Structures and Obfuscation
- Analyzing Binary Files and Executables
- Using Disassemblers and Decompilers
- Identifying Malware Signatures

■ Lesson 4 : Analyzing Windows Programs

- Windows File System and Registry Analysis
- Understanding Windows Executable Formats
- Analyzing Windows System Calls
- Investigating Common Windows Malware Techniques

■ Lesson 5 : Advanced Dynamic Analysis

- Setting Up Dynamic Analysis Environments (Sandboxes)
- Monitoring and Capturing Malware Behavior
- Using Debuggers for Dynamic Analysis
- Analyzing Network Traffic and System Changes

■ Lesson 6 : Malware Behaviour

- Setting Up Dynamic Analysis Environments (Sandboxes)
- Monitoring and Capturing Malware Behavior
- Using Debuggers for Dynamic Analysis
- Analyzing Network Traffic and System Changes

■ Lesson 7 : Data Encoding and Malware countermeasures

- Overview of Data Encoding Techniques
- Analyzing Encoded and Obfuscated Malware
- Implementing Countermeasures for Encoded Malware
- Using Decoding Tools and Techniques

- **Lesson 9 : AntiAnalysis**
 - Overview of Anti-Debugging and Anti-VM Techniques
 - Understanding Anti-Disassembly Methods
 - Techniques for Circumventing Anti-Analysis Measures
 - Case Studies of Malware with Anti-Analysis Features

- **Lesson 10 : Packing and Unpacking**
 - Understanding Packing Techniques
 - Tools and Methods for Unpacking Malware
 - Analyzing Packed Malware Samples
 - Case Studies of Common Packing Techniques

- **Lesson 11 : Rootkit Technique**
 - Introduction to Rootkits and Their Functionality
 - Analyzing Rootkit Installation and Persistence
 - Detecting and Removing Rootkits
 - Case Studies of Notorious Rootkits

- **Lesson 8 : Covert Malware Launching**
 - Techniques for Covert Malware Deployment
 - Analyzing Malware Delivery Methods
 - Investigating Evasion Strategies
 - Case Studies of Covert Malware Launches

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- ◆ 20 gb toolkit
 - ◆ Weekend / weekdays classes
 - ◆ Online and offline classes
 - ◆ 1 year membership
 - ◆ Certificate after completion
 - ◆ Interview preparation
 - ◆ Live hacking training
 - ◆ Class session recordings
 - ◆ Ebooks tutorials
 - ◆ 24x7 support



Every Class Recordings



Easy Repetations



Shareable Content



Hybrid Classes



Checkpoint Based Training



24x7 Support



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