

# Free Cyber Security Orientation Program For USA

Program Schedule:  
**June 18th – 29th, 2023**  
**9:30 to 11:30 PM EST**

## Course Highlights



Learn from  
Certified Experts



Get Recorded  
Sessions



Earn Certificate  
of Completion



Get Career  
Guidance &  
Mentorship

## Our Instructor



### **Abhishek Sharma**

#### **5+ Years Of Experience**

5+ years of experience as an Information Security Consultant and Trainer in delivering training to government and non-government organizations around the globe on different Information Security verticals.

Abhishek has provided training and consultancy to learners as well as organizations on the latest Information Security technologies available in the market today. He's got exposure in managing Information Security for different sectors including banking, telecom, e-Commerce, retail, healthcare and IT among others.



# Course Content

1. Security Foundations: Securing Your World – A Guide to Information Security
2. Kali Linux Essentials: Command-Line of Penetration Testing
3. Ethical Hacking: Unleashing Your Inner Hacker
4. Web Application Security: Hacking the Web
5. Introduction to Threat Intelligence: Outsmarting the Enemy
6. Incident Response: Responding to Cybersecurity Threats
7. Digital Forensics: Uncovering the Truth
8. Cryptography: Protecting Your Data

## **1. Security Foundations: Securing Your World – A Guide to Information Security**

- ✓ What is Information Security?
- ✓ Principles of Information Security
- ✓ Elements of Information Security – CIA Triad
- ✓ Attacker Types
- ✓ Attacking Methodology
- ✓ Information Security Controls

## **2. Kali Linux Essentials: Command-Line of Penetration Testing**

- ✓ Introduction to Kali Linux
- ✓ Basic Linux Commands
- ✓ Manipulation of Texts
- ✓ Finding Files
- ✓ File Management Commands
- ✓ Text Editors – Nano, Vim, Mousepad
- ✓ Searching, Installing, and Removing Tools
- ✓ Downloading Files



### **3. Ethical Hacking: Unleashing Your Inner Hacker”**

- ✓ Ethical Hacking Concepts
- ✓ Hacking Motives
- ✓ Ethical Hacking Phases
- ✓ Reconnaissance
- ✓ Scanning
- ✓ Enumeration
- ✓ Hacking
- ✓ Password Cracking
- ✓ Privilege Escalation
- ✓ Vulnerability Assessment

### **4. Web Application Security: Hacking the Web**

- ✓ Introduction to web applications
- ✓ Basics of HTTP
- ✓ Status codes and Headers of HTTP
- ✓ Setting up the Burpsuite
- ✓ Exploiting Web Application – OWASP Top 10

## **5. Introduction to Threat Intelligence: Outsmarting the Enemy**

- ✓ Introduction to Threat Intelligence
- ✓ Types of Threat Intelligence
- ✓ Strategic
- ✓ Tactical
- ✓ Operational
- ✓ Technical
- ✓ Enhanced Detection with Threat Intelligence
- ✓ Lockheed Martin – Cyber Kill Chain

## **6. Incident Response: Responding to Cybersecurity Threats**

- ✓ What is Incident Response
- ✓ Phases of Incident Response
- ✓ Communication Plan
- ✓ What is Playbook
- ✓ Incident Response Exercises using Wireshark



## 7. Digital Forensics: Uncovering the Truth

- ✔ Introduction to Digital Forensics
  - ✔ Types of Forensics
    - i. Computer
    - ii. Network
    - iii. Memory
    - iv. Mobile
- ✔ Why it is Useful?
- ✔ Evidence and its Types

## 8. Cryptography: Protecting Your Data

- ✔ Cryptography concepts
- ✔ Encryption and its types
- ✔ Hashing and its working
- ✔ Digital Signatures
- ✔ Digital Certificates

## Our Presence

### New York, United States

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### Noida

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