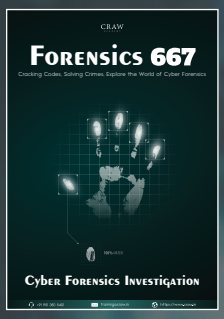
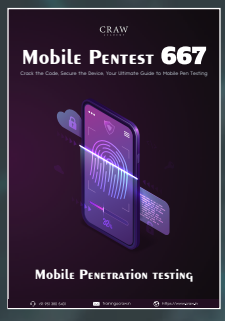
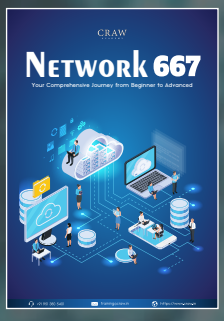
CRAW ACADEMY

Learn | Research | Innovate

ONE YEAR INDUSTRY ORIENTED CYBER SECURITY DIPLOMA COURSE







TRAINING PARTNERS

OFFENSIVE security · RedHat · EC-Council · CISCO · PECB · CompTIA · python

BASIC NETWORKING

LEVEL 1 : **COURSE DURATION : 60 hrs**

- Module 01 : Computer Networking
- Module 02 : Introduction to Networking
- Module 03 : IPV4 and IPV6
- Module 04 : Subnet Mask, CIDR and Subnetting
- Module 05 : VLSM, Wild Card, Summarization
- Module 06 : OSI MODEL
- Module 07 : TCP / IP MODEL
- Module 08 : Network Devices, Cabling & Packet Tracer
- Module 09 : ARP and ICMP
- Module 10 : Packet Flow
- Module 11 : Routing - Static and Dynamic
- Module 12 : Static Routing - Next HOP IP & Exit Interface
- Module 13 : Dynamic - RIP
- Module 14 : EIGRP
- Module 15 : OSPF
- Module 16 : Redistribution
- Module 17 : Remote Services (Telnet and SSH)
- Module 18 : DHCP
- Module 19 : ACL
- Module 20 : Switching
- Module 21 : L2 Protocols - CDP, VLAN, STP, DTP, VTP
- Module 22 : Ether - Channel
- Module 23 : Port Security

- ★ Weekend / Weekdays Classes
- ★ Classroom / Online Training
- ★ Internship Opportunity
- ★ 1 Year Membership
- ★ GNS/Packet Tracer
- ★ Video Nuggts
- ★ Audio Tutorial
- ★ Ebooks Tutorial

LINUX ESSENTIALS

LEVEL 2 : **COURSE DURATION : 60 hrs**

- Module 01 : Getting Started with Red Hat Enterprise Linux
- Module 02 : Accessing the Command Line
- Module 03 : Managing Files from the command Line
- Module 04 : Getting Help in Red Hat Enterprise Linux
- Module 05 : Creating, Viewing & Editing Test Files
- Module 06 : Managing Local Users and Groups
- Module 07 : Controlling Access to Files
- Module 08 : Monitoring and Managing Linux Process
- Module 09 : Controlling Services and Daemons
- Module 10 : Configuring and Securing SSH
- Module 11 : Analyzing and Storing Logs
- Module 12 : Managing Networking
- Module 13 : Archiving and Transferring Files
- Module 14 : Installing and Updating Software Packages
- Module 15 : Accessing Linux File System
- Module 16 : Analyzing Servers and Getting Support

PYTHON PROGRAMMING

LEVEL 3 : **COURSE DURATION : 40 hrs**

- Module 01 : Python - An Introduction
- Module 02 : Comparisons of Python with other Language
- Module 03 : Python Variables & Data Types
- Module 04 : Operators
- Module 05 : Python Conditional Statements
- Module 06 : Python Looping Concept
- Module 07 : Control Statements
- Module 08 : Data Type Casting
- Module 09 : Python Number
- Module 10 : String

- ★ Weekend / Weekdays Classes
- ★ Classroom / Online Training
- ★ Internship Opportunity
- ★ 80% Practical 20% Theroetical

- Module 11 : Python List
- Module 12 : Python Tuple
- Module 13 : Python Dictionary
- Module 14 : Python Array

- Module 15 : Python Date & Time
- Module 16 : File Handling (Input / Output)
- Module 17 : Multithreading
- Module 18 : Python Mail Sending Program
- Module 19 : Database Connection
- Module 20 : OOPs Concepts
- Module 21 : Interacting with Networks
- Module 22 : Graphical User Interface
- Module 23 : Python Web Scraping
- Module 24 : Python for Image Processing
- Module 25 : Python Data Science
- Module 26 : Intro with Python Machine Learning
- Module 27 : Intro with Python Artificial Intelligence
- Module 28 : Functions

ETHICAL HACKING

LEVEL 4 : **COURSE DURATION : 60 hrs**

- Module 01 : Introduction to Basics of Ethical Hacking
- Module 02 : Foot-printing Active (Tool Based Practical)
- Module 03 : Foot-printing Passive (Passive Approach)
- Module 04 : In-depth Network Scanning
- Module 05 : Enumeration User Identification
- Module 06 : System Hacking Password Cracking & Bypassing
- Module 07 : Viruses and Worms
- Module 08 : Trojan and Back door
- Module 09 : Bots and Botnets
- Module 10 : Sniffers MITM with Kali
- Module 11 : Sniffers MITM with Windows
- Module 12 : Social Engineering Techniques Theoretical Approach
- Module 13 : Social Engineering Toolkit Practical Based Approach
- Module 14 : Denial of Service DOS & DDOS Attacks
- Module 15 : Web Session Hijacking
- Module 16 : SQL Injection Manual Testing
- Module 17 : SQL Injection Automated Tool Based Testing
- Module 18 : Basics of Web App Security
- Module 19 : Hacking Web servers Server Rooting

- Module 20 : Hacking Wireless Networks Manual CLI Based
- Module 21 : Hacking Wireless Network
- Module 22 : Evading IDS, Firewall
- Module 23 : Honey pots
- Module 24 : Buffer Overflow
- Module 25 : Cryptography
- Module 26 : Penetration Testing: Basics
- Module 27 : Mobile Hacking
- Module 28 : Internet of Things (IOT) Hacking
- Module 29 : Cloud Security and many more

ADVANCED PENETRATION TESTING

LEVEL 5 : **COURSE DURATION : 60 hrs**

- Module 01 : Introduction
- Module 02 : In-Depth Scanning
- Module 03 : Exploitation
- Module 04 : Command Line Fun
- Module 05 : Getting Comfortable with Kali Linux
- Module 06 : Bash Scripting
- Module 07 : Practical Tools
- Module 08 : Active Information Gathering
- Module 09 : Passive Information Gathering
- Module 10 : Introduction to Buffer Overflows
- Module 11 : Buffer Overflows
- Module 12 : Fixing Exploits
- Module 13 : Locating Public Exploits
- Module 14 : Antivirus Evasion

- Module 15 : File Transfers
- Module 16 : Windows Privilege Escalation
- Module 17 : Linux Privilege Escalation
- Module 18 : Password Attacks
- Module 19 : Port Redirection and Tunnelin
- Module 20 : Active Directory Attacks
- Module 21 : Power Shell Empire
- Module 22 : Trying Harder : The Labs
- Module 23 : Penetration Test Breakdown

CYBER FORENSICS INVESTIGATION

LEVEL 6 : **COURSE DURATION : 60 hrs**

- Module 01 : Computer Forensics in today's World
- Module 02 : Computer Forensics Investigation Process
- Module 03 : Hard-Disk and File-System
- Module 04 : Data-Acquisition and Duplication
- Module 05 : Defeating Anti-Forensics Techniques
- Module 06 : Windows Forensics
- Module 07 : Linux Forensics
- Module 08 : Network Forensics
- Module 09 : Web-Forensics
- Module 10 : Dark Web Forensics
- Module 11 : Cloud forensics
- Module 12 : Email-Forensics
- Module 13 : Malware Forensics
- Module 14 : Mobile forensics
- Module 15 : IOT forensics

- ★ Weekend / Weekdays Classes
- ★ Classroom / Online Training
- ★ Internship Opportunity
- ★ 80% Practical 20% Theroetical
- ★ Software Toolkit
- ★ Ebooks
- ★ Practise Forensics Labs
- ★ Certification

WEB APPLICATION SECURITY

LEVEL 7 : **COURSE DURATION : 40 hrs** OWASP TOP 10 & SANS 25

- Module 01 : Introduction
- Module 02 : Owasp Top 10
- Module 03 : Recon for Bug Hunting
- Module 04 : Advanced SQL Injection
- Module 05 : Command Injection
- Module 06 : Session Management and Broken Authentication Vulnerability
- Module 07 : CSRF - Cross Site Request Forgery
- Module 08 : SSRF - Server Site Request Forgery
- Module 09 : XSS - Cross Site Scritpting
- Module 10 : IDOR - Insecure Direct Object Reference
- Module 11 : Sensitive Data Exposure and Information Disclose
- Module 12 : SSTI - Server Site Template Injection
- Module 13 : Multi Factor Authentication Bypass
- Module 14 : HTTP Request Smuggling

- ★ Weekend / Weekdays Classes
- ★ Classroom / Online Training
- ★ Internship Opportunity
- ★ 1 Year Membership
- ★ Top 10 OWASP Training
- ★ Burpsuit/Proxy Interception
- ★ DVWA / SAMURAI 3.0
- ★ Vulnerable Web App Exploit

- Module 15 : XXE - XML External Entities
- Module 16 : LFI - Local File Inclusion and RFI Remote File Inclusion
- Module 17 : Source Code Disclousre
- Module 18 : Directory Path Traversal
- Module 19 : HTML Injection
- Module 20 : Host Header Injection
- Module 21 : SQL Authentication Bypass
- Module 22 : File Upload Vulnerability
- Module 23 : JWT Token Attack
- Module 24 : Security Misconfiguration
- Module 25 : URL Redirection
- Module 26 : Flood Attack on Web

MOBILE APPLICATION SECURITY

LEVEL 8 : COURSE DURATION : 60 hrs

- Module 01 : Introduction to Mobile Penetration Testing
- Module 02 : Lab Setup
- Module 03 : Android Architecture
- Module 04 : APK file Structure
- Module 05 : Reversing App with APK tool
- Module 06 : Reversing App with MobSf
- Module 07 : Static Analysis
- Module 08 : Scanning Vulnerability with Drozer
- Module 09 : Improper Platform Usage
- Module 10 : Insecure Data Storage
- Module 11 : Insecure Communication
- Module 12 : Insecure Authentication
- Module 13 : Insufficient Cryptography
- Module 14 : Insecure Authorization
- Module 16 : Code Tampering
- Module 17 : Reverse Engineering
- Module 18 : Extraneous Functionality
- Module 19 : SSL Pinning
- Module 20 : Intercepting the Network Traffic
- Module 21 : Dynamic Analysis
- Module 22 : Report Preparation
- Module 23 : IOS Penetration Basics

INTERNET OF THINGS (IOT) PENTESTING

LEVEL 9 : COURSE DURATION : 60 hrs

- Module 01 : Overview of Why IoT is so important
- Module 02 : Introduction of IoT
- Module 03 : Intro to Sensor Network & Wireless protocol
- Module 04 : Review of Electronics Platform, Production & Cost Projection
- Module 05 : Conceiving a new IoT product- Product Requirement document for IoT
- Module 06 : Introduction to Mobile app platform & Middleware for IoT
- Module 07 : Machine learning for intelligent IoT
- Module 08 : Analytic Engine for IoT
- Module 09 : Iaas/Paas/Saas-IoT data, platform and software as a service revenue model

END POINT SECURITY

LEVEL 10 : COURSE DURATION : 60 hrs

- Module 01 : Implementing Internet Security Anti Virus
- Module 02 : Two-Factor Authentication Implementation
- Module 03 : Mobile Device Management For Industry
- Module 04 : Data Loss Prevention Overview & Implementation
- Module 05 : Security Information and Event Management (SIEM)
- Module 06 : APT- Attack
- Module 07 : MITRE Framework
- Module 08 : EDR
- Module 09 : MDR
- Module 10 : Next Generation Firewall
- Module 11 : Unified Threat Management
- Module 12 : Physical Security
- Module 13 : ISO 27001 Lead Auditor Guidelines

AWS ASSOCIATE

LEVEL 11 : COURSE DURATION : 60 hrs

- Module 01 : Designing Highly Available, cost effective, scalable systems
  - (a) Planning and Design
  - (b) Monitoring and Logging
  - (c) Hybrid IT Architectures
  - (d) Elasticity and Scalability
- Module 02 : Implementation and Deployment
  - (a) Amazon EC2
  - (b) Amazon S3
  - (c) Amazon Web Service Cloud Formation
  - (d) Amazon Web Service VPS
  - (e) Amazon Web Service IAM
- Module 03 : Data Security
  - (a) AWS IAM (Identify and Access Management)
  - (b) Amazon Web Service VPC
  - (c) Encryption Solutions
  - (d) Cloud watch logs
  - (e) Disaster Recovery
  - (f) Amazon Route 53
  - (g) AWS Storage Gateway
  - (h) Amazon Web Service Import/Export
- Module 04 : Troubleshooting

AWS SECURITY

LEVEL 12 : COURSE DURATION : 60 hrs

- Module 01 : Given an AWS Abuse Notice, Evaluate a Suspected Compromised Instance or Exposed Access Key
- Module 02 : Verify that the Incident Response plan includes relevant AWS services
- Module 03 : Evaluate the Configuration of Automated Alerting and Execute Possible Remediation of Security-Related Incidents and Emerging Issues
- Module 04 : Design and implement security monitoring and alerting
- Module 05 : Troubleshoot security monitoring and alerting
- Module 06 : Design and Implement a Logging Solution
- Module 07 : Design Edge Security on AWS
- Module 08 : Troubleshoot Logging Solutions
- Module 09 : Design and implement a secure network infrastructure
- Module 10 : Troubleshoot a secure network infrastructure
- Module 11 : Design and implement host-based security
- Module 12 : Design and Implement a Scalable Authorization and Authentication System to Access AWS Resources
- Module 13 : Troubleshoot an Authorization and Authentication System to Access AWS Resources
- Module 14 : Design and implement key management and use
- Module 15 : Troubleshoot key management
- Module 16 : Design and implement a data encryption solution for data at rest and data in transit

OUR TRAINING
PARTNERS

Craw Security Affiliate program, where you will promote our courses on your website or blog and start making money from it instantly without any special extra effort from your side. As we have 200+ certification and training programs Professionals and certified instructors, and 30 + 70 + IT Authorizations, so you do not need to worry about any course training, and instructor for training purposes, we will simply take care of this. We offer Registered and Authorized Certification from different Councils and Renowned Authorities, to our students from India and to the entire world as a Authorized Training Centre for Training and Certifications.

Training & Certification

OFFENSIVE security · EC-Council · Red Hat · CompTIA · python · CISCO · aws · Microsoft · CERTNEXUS · PECB

Terms & Conditions for 100% Placements

- Attendance 75% should be mandatory.
- Marks for internal exams should be 80% mandatory.
- Fees for 1 year diploma course should be properly paid.
- Candidate can apply for job after completion of 6 modules.
- Candidate applicable for Mock Interviews/PD Class after completion of 3 modules.
- Global certifications required, if needed by companies for job.
- Candidate should be Graduate/Pursuing.
- One time job Assistance/Placement will be provided, if candidate missed any interview, Craw Placement Cell will not liable to re-arrange the interview and also Craw Academy will not liable for any refund or future litigations or claims.
- Package as per candidate's skills or according to company norms.
- Ideal Candidate can apply in multiple jobs.
- Post Placement Process will be provided by Placement Cell which is as follows :-
  a. Documentation
  b. Offer Letter
  c. Joining Date/Timeline of Joining

NOTE – * Terms & Condition only for 1 Year Diploma Course *

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