THE OPEN UNIVERSITY OF TANZANIA (OUT)

THE OPEN UNIVERSITY CONSULTANCY BUREAU (OCB)

Ethical Hacking, Defense Techniques and Digital Forensics

Start Date 25th March-17th May,2025
Venue: Dar es salaam

Course Contents

- Introduction to the Course
- Lab Set up
- Information Gathering
- Web Applications Vulnerabilities
- Automated Web Vulnerability Scanning
- Container Security
- Network Hacking
- System Hacking
- Introduction to Social Engineering
- Company/Organization Information Gathering
- Individuals Information Gathering
- Windows Malware
- Command and Control (C2) Infrastructure
- Malware Writing using C/C++, Golang
- Phishing Attacks and Credential Harvesting
- Malware Delivery Techniques
- Cloud Based C2 Infrastructure
- Post Initial Access
- Malware Analysis
- Forensics Imaging and Acquiring Forensic Image
- Forensics Carving -Artifacts Extraction and Data Recovery
- Network Forensics
- Windows Forensics
- Memory Forensics and Incident Response
- Report Writing

Training Mode
Through F2F mode at HQ and Online mode

Targeted group:
This course targets individuals who are interested in learning about Ethical Hacking, Penetration Testing, Defense, and Digital Forensic including;
>>Information Security Professionals.
>>Web Developers.
>>Information Technology Professionals (System Administrators, Network Administrators, Application Programmers).
>>Process Automation – Control Systems and IT Engineers.
>>Ethical Hackers and Cyber Security Professionals.
>>Digital Forensic Investigators
>>Law Enforcement Agents (Police Force)
>>Anyone interested in Pursuing Professional Certifications such as CEH, OSCP, CHFI, etc

Teaching mode
30% theory and 70% % practices
Using Computer Labs
Prepared Online labs accessible 24/7

Course Duration
Two Months, 2.5 Hours per day from 4:30PM to 7:00PM

Course fee:
Tshs 700,000
To be paid through OCB Account no.
011103033713
NBC

NB: A minimum of 40 students is required for the class to commence, and all fees must be paid before the class begins.

Contact
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