



CYBERIUM ARENA — SIMULATOR —



SYLLABUS

INTRODUCTION TO CYBER

MAIN FEATURES



Labs

The labs hold questions and tasks to support the training.



Book

The coursebooks accompany the lecturers and students alike in cybersecurity studies.



Scenarios

Provide participants possible situations from cybersecurity or cyberterrorism to solve.



Project

Trainees must complete a practical built-in project, produce defense and assault tools.



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Description

Intro to Cyber is an essential module that covers the core concepts of the cyber world and allows the participants to quickly view the complex world of digital crimes.

MODULES

Module 1: Introduction to TIER1

Fundamentals Concepts

- Definitions
- Key Players
- History and Future
- Security Awareness
- Cyber Job Roles
- Basic Networking
- Remote Access
- Steganography and Ciphers
- Hash Functions and Encodings

Module 2: Cyber Security

Cyber Concepts

- OSI Model
- DNS and DHCP – From an Attacker Point of View
- Security Products Explained
- Anonymity on the Network
- Concepts of Wi-Fi Security

Cyber Attacks Demos

- MiTM Attacks
- Brute Force
- Phishing
- Trojans