

SOC ANALYST

40 hours course

LEVEL

Basic

HW REQUIREMENTS

Each student should have a PC / laptop including: WIN10 Pro, Intel i5 Series 7 or higher CPU, 6GB RAM, at least 4GB free HDD.

PREREQUISITES

Candidates may possess minimal or substantial technical ability and proficiency.

AUDIENCE

- Candidates seeking their first job in the cybersecurity industry.
- Candidates who wish to become a corporate SOC analyst.

DESCRIPTION

The SOC (Security Operation Center) is the epicenter of corporate defenses. The SOC serves as the eyes and ears to witness all traffic and activity within a company's network. To become a SOC analyst one must learn practical skills with security systems, offensive security, and incident response, alongside basic understanding of terminology, methodology, and countermeasures. Through theoretical and practical training, this course provides the whole skillset to become a SOC analyst for beginners with limited or no prior experience.

COURSE OBJECTIVES

Upon completion this course, students will:

- Understand the basics of cybersecurity, information security and become familiar with cyber terminology.
- Understand the basics of the Windows domain environment.
- Understand the TCP/IP model and network / application protocols.
- Understand the basics related to SQL and relational databases.
- Understand the basic rules of firewalls and SIEM.

