Information Technology

IS Threat Intelligence & Monitoring

Course Introduction

This outline provides a comprehensive overview of IS Threat Intelligence & Monitoring, covering key aspects from foundational concepts to advanced techniques and future trends. It's designed to equip participants with the knowledge and skills needed to effectively implement and manage threat intelligence and monitoring programs in their organizations.

Target Audience

1. Cybersecurity Analyst
2. Threat Intelligence Analyst
3. Security Operations Center (SOC) Analyst
4. Information Security Manager
5. IT Security Engineer
6. Risk Analyst
7. Network Security Engineer
8. Incident Response Specialist
9. Ethical Hacker / Penetration Tester
10. Chief Information Security Officer (CISO)
11. Security Consultant
12. Digital Forensics Analyst
13. Compliance Officer

Learning Objectives

- Introduction to Threat Intelligence
- Understand the concept and importance of threat intelligence
- Identify different types of threat intelligence
- Recognize the role of threat intelligence in cybersecurity strategy

Course Outline

- **Day 01**

  What is Threat Intelligence?

  - Types of Threat Intelligence (Strategic, Tactical, Operational)
  - The Threat Intelligence Lifecycle
  - Threat Intelligence Sources and Feeds
  - Integration of Threat Intelligence in Security Operations
- **Day 02**

  hreat Intelligence Collection and Analysis

  - Learn various methods of collecting threat intelligence
  - Understand techniques for analyzing and validating threat data
  - Develop skills in creating actionable intelligence reports
  - Open-Source Intelligence (OSINT) Gathering Techniques
  - Dark Web Monitoring and Analysis
  - Threat Data Analysis and Validation Methods
  - Threat Intelligence Platforms (TIPs) and Tools
  - Creating Actionable Intelligence Reports
- **Day 03**

  Advanced Threat Detection and Response

  - Understand advanced persistent threats (APTs) and their detection
  - Learn techniques for threat hunting and proactive threat detection
  - Develop skills in incident response and threat mitigation

• Advanced Persistent Threats (APTs) and Their Characteristics

• Threat Hunting Techniques and Methodologies

• **Day 04**

• User and Entity Behavior Analytics (UEBA)

• Incident Response Procedures and Best Practices

• Threat Mitigation Strategies

• **Day 05**

Threat Intelligence Sharing and Future Trends

• Understand the importance and methods of threat intelligence sharing

• Learn about emerging technologies in threat intelligence and monitoring

• Develop strategies for continuous improvement of threat intelligence programs

• Threat Intelligence Sharing Frameworks and Platforms

• Legal and Ethical Considerations in Intelligence Sharing

• Emerging Technologies in Threat Intelligence (AI, Machine Learning)

• Future Trends in Cyber Threats and Monitoring

• Building and Maintaining an Effective Threat Intelligence Program

• Course Review and Action Planning

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 28, 2025	May 2, 2025	5 days	4250.00 $	UAE - Abu Dhabi
Sept. 7, 2025	Sept. 11, 2025	5 days	4250.00 $	KSA - Riyadh
Oct. 26, 2025	Oct. 30, 2025	5 days	2150.00 $	Virtual - Online
Nov. 10, 2025	Nov. 14, 2025	5 days	5950.00 $	USA - Texas