



# Introduction to Cyber security

KPMG Academy  
Jordan  
#LifeLongLearning



Contact us to register or learn more:  
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# Introduction

Cyber security is an increasingly relevant and pressing area of concern for individuals, companies and governments, and one that is hard to ignore. This chapter looks at primary factors that make cyber security both important and difficult to achieve

The Need of cyber security is to help in securing data from threats such as data theft of misuse also safeguards your system from viruses .

Upon successful completion of the program, candidates will be familiar with cyber security landscapes and will be able to

Analyze and evaluate the cyber security needs of an organization.

Design and develop a security architecture for an organization.

Describe the key security requirements of CIA triad.

Design operational and strategic cyber security strategies and policies.

Distinguish between different types of hackers.

Distinguish between different types of threats and malwares.



# About Instructors

## **Ashraf Karaymeh, Manager Cybersecurity**

Ashraf has more than 19 years of experience in telecommunication, technology, cybersecurity, and IT governance. Ashraf worked in building the cybersecurity office for the Command and Control and communication Center for the Royal Jordanian Air Force (RJAF), he was a committee member who developed the risk management framework for Jordan.

Ashraf has hands-on and managing experience in many IT security solutions and cybersecurity vendors such as F5, Fortinet, Palo Alto Networks, Sophos, Symantec, FireEye, Versa Networks, Okta, Rpaid7 and Splunk. Additionally, Ashraf provides Cybersecurity Advisory Services such as Cybersecurity Maturity Assessment, Security Policy Development, Incident Response Services, Penetration Testing Services & SOC Assessment Services, and Analysis.

Before (KPMG), Ashraf was Head of National Cybersecurity Development program.

### Certifications

MSc IT Systems Security & Digital Criminology

BSc Electronic & Telecommunication Engineering

CND, CEH, ECIH, Cybersecurity Audit, CISA, & CDPSE



# About Instructors

## **Yahia Alhaj Mahmoud**

Yahia is an information technology advisory consultant in KPMG, specialized in information and IT security, penetration testing and vulnerability assessment, internal and external IT audit, business continuity and IT operations.

Yahia worked on different projects related to IT risk consulting, Business continuity management, and IT audit based on Central Bank of Jordan regulations for multiple banks in Jordan.

## **Certifications**

Bachelor in Computer Science

Master's of Information Systems Security & Digital Criminology

Certified Ethical Hacker (CEH)

CompTIA Linux+ powered by LPI (Linux Professional Institute)

Microsoft Certified Azure Fundamentals (AZ-900)

ISO 22301 Lead Implementor



# Objective

This workshop brought together cybersecurity experts who shared their knowledge and experience on the practical assessment of cyber risks at the national level, in large organizations, and in critical infrastructure sectors. The workshop also identifies how identify, analyze and remediate computer security breaches by learning and implementing the real-world scenarios in Cyber Investigations. Furthermore, the workshop overviews the information security management and defense in depth approach.

Note: The views and opinions expressed herein are those of the participants and do not necessarily represent the views and opinions of KPMG in Jordan

# Program Details

Day	#	Module	Owner
1	1	Introduction to Cybersecurity & Cybersecurity governance	Ashraf Karayhmeh
	2	Malware Threats & threat management	Ashraf Karayhmeh
	3	Encryption	Ashraf Karayhmeh
2	4	Ethical Hacking & Social Engineering	Yahia Alhajmahmoud
	5	Cybersecurity Attacks and breaches	Yahia Alhajmahmoud
	6	Cloud Computing	Yahia Alhajmahmoud
3	7	Incidents and Crisis Management	Ashraf Karaymeh
	8	Contingency Planning	Yahia Alhajmahmoud
	9	Data Protection	Ashraf Karaymeh



# Program Details

**BIG NAMES, BIG IDEAS:** Learn from our expert speakers, including professionals from KPMG, and more

**BE PART OF THE DISCUSSION:** Join live sessions, ask questions and share your insights in our interactive roundtable

**FIND SOLUTIONS:** Discover the latest solutions and services organizations are using to protect themselves against cyber attacks

**HAVE YOUR VOICE HEARD:** Our interactive session formats give you the chance to share your views and help shape the direction of cyber security technologies, best practices, and their adoption within the public sector



## KPMG Academy Jordan

KPMG Academy launched as the first professional training Academy in the Middle East by KPMG Jordan, providing training solutions and certification

programs in Accounting, Finance, Auditing and IFRS. KPMG focuses on highly recognized designations such as CPA, CMA, CIA, and DipIFR. In addition to soft skills trainings and customizable In-house training solutions to meet the needs of the market and ongoing changes in the business world.



# Program Highlights

**Experience:** Designed with a mix of experience sharing and real-life cases discussions.

**Insights:** Cyber Security & concepts of security .

**Training:** Online sessions and participants will be provided with a Soft copy of training material.

**Awards:** Participants will receive a certificate of participation from KPMG in Jordan.