Intex Management Institute

SEMINAR ON CYBER CRIME AND IT SECURITY

TO BE HELD AT SWEET LAKE RESORT - NAIVASHA
24th – 26th April 2019

NITA / TRN / 1435
THE NEED
Looking at the recent newspaper reports, Financial, Healthcare, Telecommunications, Universities, Insurance institutions and other Organizations have become major victims of Cybercrime and fraud losing close to 21 billion shillings to the vice according to the 2017 Kenya Cyber Security Report

Worldwide, many reputable organizations have recently been hacked with huge losses on important data. Therefore, every organization needs to be alert and give IT security priority by putting in place preventive measures to counter the threat. Apart from external threats, insider threats are becoming more serious due to fraud by employees. This leaves many institutions at the mercy of cyber criminals collaborating with staff to either blackmail or siphon money out.

Intex Management Institute has been at the forefront in creating awareness on Cybercrime by offering tailor made training seminars facilitated by experts who are experienced practitioners in this field. Our training goes beyond theory, giving participants valuable real-world insights through practical demonstrations. Several seminars on Cybercrime and IT security have already been mounted in Mombasa and Naivasha respectively and the reports received from participants indicate that the training was extremely beneficial and an eye opener on cybercrime especially in areas most prone to attacks in organizations.

SEMINAR OBJECTIVES
At the end of the seminar, participants will be able to:

- Demonstrate application of new knowledge of IT security systems
- Identify a range of electronic crime fraud activities
- Identify how cyber-crime can seep into the business
- Spot indicators and detect mechanisms on cybercrime
- Confidently set out fraud policy, best practice and compliance mechanisms.
- Demonstrate how to create an Anti-Fraud culture within the organization

SEMINAR METHODOLOGY
The seminar program is designed to help participants gain practical skills on how to deal with cyber crime attacks. For full seminar value, structured and group work will be included to help apply specific skills to different fraud scenarios.

SEMINAR TARGET GROUP
The seminar will be of great benefit to CEOs, IT/ICT Managers, HR Managers and Officers, Data Security Professionals, System Auditors, Site Administrators and those concerned about security and integrity of network infrastructure. The program will also be of key benefit to Finance Managers and Internal Auditors.

SEMINAR CONTENT OUTLINE
The 3-day seminar program will cover the following aspects in detail:

- **Overview of Cyber Crime**
  - What cyber-crime is?
  - The nature of cyber-crime
  - Types of cyber-crime
- **Cyber Crime, Law and Ethics**
  - Criminal Justice system in Kenya
  - Law of Evidence
  - Case studies on cybercrime
- **Cybercrime Fraud Schemes**
  - Challenges of dealing with cybercrime
  - Challenges of dealing with cybercrime

- **Cybercrime: Information security**
  - What’s information security?
  - Dimensions of information security
  - Means of information protection: people, processes and technology
  - Risk management: assessment and compliance
  - Strategies and counter measures

- Challenges of dealing with cybercrime
- Admissibility of electronic crime
• **Access Controls and Management**
  - Restriction of access rights to networks, computer systems, application, functions and data
  - Identification, authentication and access
  - Access control methods: passwords
  - Access threats: password cracking/guessing/tools

• **Application and Network Security Systems**
  - Information Systems Acquisition
  - Secure System Development Life Cycle (SSDLC)
  - Network Security, including wireless security
  - Host application and data security

• **Business Continuity Management**
  - Business continuity and disaster recovery planning
  - Planning for crisis and response

• **Practical Session**
  - Digital Analytical tools

---

**SEMINAR BENEFITS**

Apart from creating awareness on cyber crime this seminar will provide participants with hands-on skills on how to use various Digital Forensic tools for Detection, Analysis and Data Recovery, namely:

- Hard Drive
- Data Capture Tools
- File Analysis Tools
- Registry and Memory Analysis Tools
- Internet Analysis Tools
- Email Analysis Tools
- Mobile Devices Analysis Tools
- Network Forensic Tools
- Database Forensic Tools

Participants will be provided with the above tools for use in their organization. For this purpose *Participants Must bring with them laptops to facilitate practicals and demonstrations during the seminar.*

**SEMINAR VENUE**

The Seminar will be held at Sweet Lake Resort, Moi South Road - Naivasha

**NON RESIDENTIAL**

The seminar is non-residential. Participants are expected to make their own transport to the venue and half-board accommodation arrangements.
SEMINAR FACILITATOR

Steve Kimani is a holder of First Class Honors BSc. in Applied Computer Science from Daystar University. He also holds a MSc. in Organization Development and an MBA in Information Technology from United States International University (USIU). Currently he is pursuing a PHD in Strategic information Systems at the University of Nairobi.

Steve is an IT and Research Consultant with extensive expertise in IT services Management (ITSM) and ITL methods, security, processes, Strategic Technology infrastructure planning and developing cost effective solutions to meet customer business requirements.

He has consulted for various NGOs and private organizations in areas of IT Audit, monitoring security systems, investigating malicious file uploads, compromised servers, SQL injections and port scanning as well as in-depth forensic. He is an accomplished, motivational, and versatile IT professional, web administrator, software developer, support analyst and facilitator with over ten years' experience in the IT industry.

SEMINAR FEES
The cost of the seminar is **Kshs 100,000** per person, excluding VAT. Fees for the seminar cover cost of tuition, training materials, lunch, morning and afternoon refreshments as well as Digital Forensic Tools.

**The Fee should be paid directly to Intex Management Institute in advance.**

RESERVATION
The attached Nomination Form can be completed or downloaded from our website [www.intexservices.co.ke](http://www.intexservices.co.ke) and return with the seminar fees.

For further information, contact the Programme Director.