Certified Cyber Crime Investigator

Course Outline

ASK PC

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C3I©

CERTIFIED CYBER CRIME INVISTIGATOR

❖ Course Description

The rate of fraud, abuse and downright criminal activity on IT systems by hackers, contractors and even employees are reaching alarming rates. Corporate IT, Law Enforcement and Information Security Professionals are often required to perform computer forensics jobs regularly. This course will be useful for anyone interested to enter the world of cyber crime investigation and computer forensics.

❖ Type of Delivery

Instructor-Led Sessions

❖ Duration

15 days

3 hours/ Session

❖ Training Benefits

The following benefits provided with our training

- Study Materials (Soft Copy on CD-ROMs)
- Student Guide
- Professional Presentations
- Video Demos, Tutorials and Practice
- OpenSource Forensics Tools CD
- Exam & Project (Obligatory)
- C3I Accredited Certificate from ASK PC
- Certificate of completion from ISSA Egypt
- CISSP CPE credits
- ISSA membership and much more!

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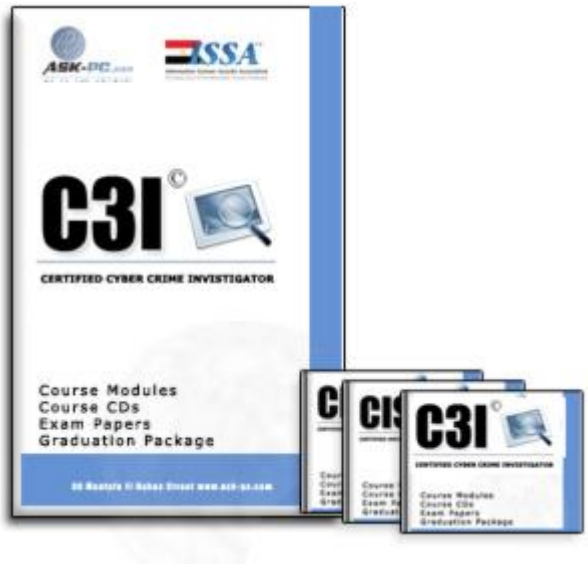
❖ Course Contents

Cybercrime is on the raise. Computer Forensics Specialists are needed by today's companies and government agencies to determine the root cause of a hacker attack, collect evidence legally admissible in court, and protect corporate assets and reputation. Evidence exists on computers in many places and formats. In addition to evidentiary documents themselves, operating systems and programs leave behind a vast array of evidentiary artifacts that can be used to establish the guilt or innocence of accused parties. The course will cover the range of computer forensics skills needed to acquire, analyze and report findings for Windows platform. You will be familiar also with the recovering of hidden data and Steganalysis and much more. The best way to become a forensics expert is to attend specialized cybercrime training such as C3I from ASK PC.



❖ A few of the covered topics are

- What is cybercrime
- Understanding cybercrime and related legal issues
- Types of cybercrime
- Categorizing cybercrime
- National and international cybercrime laws
- History of cybercrime
- Understanding cybercriminals and their motives
- Cyber warfare and National Security
- Cyber victims
- What is cyber investigation

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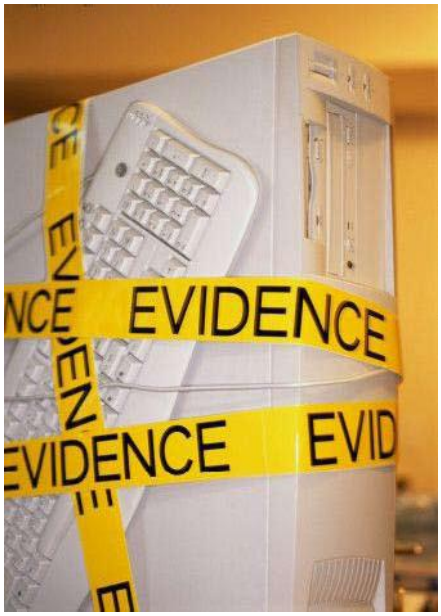
- Understanding Computer hardware
- Understand Storage and Media
- Understanding file system
- Computer Forensic Process
- Recovering lost and deleted data
- Data acquisition and duplication
- Understanding Windows Boot Process
- Windows Forensic and analysis
- Collecting evidence on Windows machine
- Windows Forensic tools
- Understanding file verification
- Deciphering Dump files and registry
- Live-Analysis Techniques
- Registry Evidence
- Tool Analysis
- Windows Event Logs
- Forensic Analysis of Event Logs
- Email servers
- Tracing and email
- Investigating and email crime
- Understanding network traffic
- How to investigate network devices and traffic
- Investigating Wireless networks
- Investigating Mobile devices
- Understanding Malware Analysis
- Understanding Steganalysis techniques
- Advanced forensic tools
- Understanding EnCase Tool
- And much more



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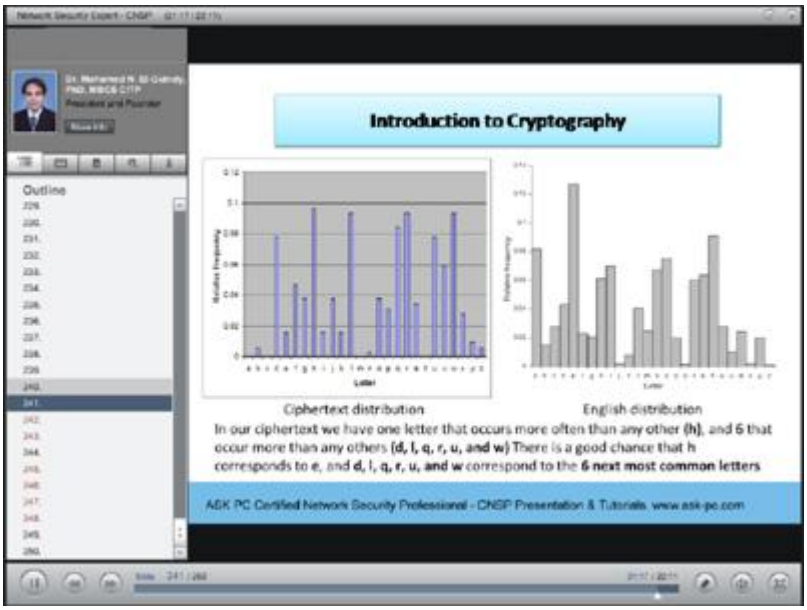

❖ Who should attend

This is course is suitable for anyone interested in understanding cybercrime investigation with basic knowledge of IT. Also suitable for IT managers, system administrators, crime prevention units, law enforcement and other professional people.

❖ Prerequisites

Fair understanding of Information Technology and Windows operating system is required. It is preferable to be familiar with computer networking, wireless access and mobile technologies. For your convenience, download our free IT courses to enhance your IT knowledge: http://www.ask-pc.com/askIT.php (Arabic syllabus).
It is highly recommended that you should be familiar with the materials covered in the following ASK PC courses:
- Certified Network Security Professional – CNSP
- Certified Web Application Security Professional – CWASP
For more information: http://www.ask-pc.com/itsec.htm

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❖ Course certification

Upon completing our offsite assessment in addition to the project, you will be eligible to get your C3I certificate from ASK PC and CPE report from ISSA Egypt. This course is offering CEUs from IEEE and IACET for more information: www.ieee.org/partners

❖ ISSA Egypt

This course is provided for ISSA Egypt chapter as an advanced level in IS security. ASK PC is the founding sponsor and course provider for ISSA Chapter in Egypt. You will get also CPE credits for CISSP certification upon completing this training.
More information at www.issa-eg.org

❖ About the author

Dr. Mohamed N. El-Guindy, PhD, MBCS CITP, ABILD is the author of C3I course in addition to other IS security courses for ASK PC. He is also the founder and president of both ASK PC and ISSA chapter in Egypt. He has broad experience in the field of Information Technology and also speaker in many security events.
For more information, kindly check this page:
http://www.ask-pc.com/founder.html

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CPE credits: 30

Egypt chapter dedicated training

More about our partners: http://www.ask-pc.com/partnerstec.html

Check our security training and courses:

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