



Digital Forensics Essentials



I. Program overview & Benefit:

Digital Forensics Essentials (DFE) is an essential course designed for individuals aiming to enhance their competency and expertise in digital forensics and information security. This comprehensive program introduces participants to the fundamentals of computer forensics, the computer forensics investigation process, and specialized areas such as Dark Web, Windows, Linux, and Malware forensics. The course incorporates interactive labs to ensure practical, hands-on experience, crucial for a successful career in digital forensics. Certification in DFE offers formal recognition of a learner's expertise and skills, significantly improving their employment prospects, opportunities for higher salaries, and job satisfaction.

II. Intended Participants:

This program is tailored for individuals seeking to start or advance their careers in digital forensics and information security. It is ideally suited for:

- Cybersecurity Technician
- IT Specialist
- Systems Specialist
- Computer support Specialist
- Network Technician
- And more

III. Program Curriculum

The curriculum focuses on imparting practical skills and knowledge in digital forensics, and is divided into 12 modules covering different aspects of the field:

- 1 Computer Forensic Fundamentals
- 2 Computer Forensic Investigation Process
- 3 Understanding Hard Disks and File Systems
- 4 Data Acquisition and Duplication
- 5 Defeating Anti-Forensic Techniques
- 6 Windows Forensics
- 6 Linux and Mac Forensics
- 7 Network Forensics
- 8 Investigating Web Attacks
- 9 Dark Web Forensics
- 10 Investigating Email Crimes
- 11 Malware Forensics

IV. Schedule:

The certificate program entails a commitment of 12 hours, with sessions lasting 4 hours each week. Candidates have the flexibility to select their preferred schedule from the following options:



Evening classes

From 6:30 PM to 8:30 PM

Monday and Tuesday or Thursday and Friday



Weekend classes

From 10:00 AM to 12:00 PM:

Saturday and Sunday

V. Enrollment requirements:

Enrollment requirements are straightforward: there are no specific prerequisites. However, participants are expected to have a basic understanding of networking, operating systems, and coding principles.

VII. The Benefits of the program:

- Mastery of digital forensics fundamentals and advanced topics, preparing participants for real-world challenges
- Practical, hands-on experience through interactive labs
- Enhanced career prospects with formal certification recognition, leading to potential for advancement.
- Increased job satisfaction through elevated skills and expertise

This program ensures participants are well-equipped with the necessary skills and knowledge to excel in the field of digital forensics, offering a pathway to career advancement and professional development in the rapidly evolving domain of information security.

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