



COMPUTER FORENSICS MODULE

DURATION: 39 hours

PROGRAM OBJECTIVE:

The Computer Forensics course provides participants with a comprehensive understanding of computer forensics, investigation tools, and techniques. Participants will learn about computer Hardware, Software and networking fundamentals. They will also learn about computer forensics as a profession and the investigative process. All major personal computer operating system architectures and disk structures will be discussed. Participants will learn about setting up an investigator's office and laboratory, and also become familiar with the hardware and software tools available. Participants will also learn the importance of digital evidence controls and how to process crime and incident scenes. Lastly, participants will learn the details of data acquisition, computer forensic analysis, e-mail investigations, image file recovery, investigative report writing, and expert witness requirements. The course provides a range of laboratory and hands-on assignments that teach theory as well as the practical applications of computer forensic investigation.

MODULE OUTLINE

Understanding the Digital Forensics Profession and Investigations	Virtual Machine Forensics, Live Acquisitions, and Network Forensics
The Investigator's Office and Laboratory	E-mail and Social Media Investigations
Data Acquisition	Mobile Device Forensics and the Internet of Anything
Processing Crime and Incident Scenes	Cloud Forensics
Working with Windows and CLI Systems	Report Writing for High-Tech Investigations
Current Digital Forensics Tools	Expert Testimony in Digital Investigations
Linux and Macintosh File Systems	Ethics for the Expert Witness
Recovering Graphics Files	

CERTIFICATIONS

Certified Computer Examiner (CCE)

ENROLMENT INFORMATION

To register in the Computer Forensics module, go to <https://www.wilfredinstitute.com>. Under the Programs tab, there will be an enrolment form at the bottom of the page. Students wishing to enroll must complete this form and wait for a member of our team to make contact. Students should be prepared to present supporting documents providing proof of a high-school diploma or equivalent and the Criminal Record Check. Any questions regarding academic requirements and the submission of documents (once requested by our Admissions staff) are to be directed to admissions@wilfredinstitute.com.