

RESPONDERS TRACK

RT101, Introduction to Computer Search and Seizure (ICSS)

Who Should Attend

DCIO/MCA investigators and prospective lab examiners.

Prerequisites

NONE

Duration

3 Days

Course Description

The ICSS course introduces students to the commonly used and accepted procedures for recognizing and seizing computer-related evidence. Emphasis is placed on the protection of original digital media, evidentiary chain of custody, and documentation of procedures. The implications of related legal statutes are also discussed. {Mobile}

Objectives

- Evaluate a computer-related crime scene for evidentiary value
- Determine what devices will be seized according to individual offenses and crimes
- Implement proper shutdown procedures related to various computer operating systems
- Successfully secure electronic media in accordance with proper evidence transmission procedures and chain of custody concerns
- Document the results of the initial search in a manner that will withstand judicial examination
- Discuss the judicial implications of related legal statutes

Topics Covered

Computer Hardware

- Safety
- Hardware and Media Familiarization
- Data Wiping

Computer and Digital Crime Basics

- Computer Crime and its Life Cycle
- Common Computer Environments
- Understanding the Digital Crime Scene
- Crime and Associated Data Types

Computer Search and Seizure

- First Response and Processing On-screen Data
- Shutdown procedures
- Conducting an External and Internal Examinations
- Packaging and Transportation

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Preparation

- Basic computer operations
- Computer hardware and safety
- Digital media types and storage
- Windows and Linux Environments

These topics are covered in DCITA courses you may have attended previously and can also be found on the dcita.edu portal (<https://www.dcita.edu>), the internet, at Books 24/7, in your organization's technical library or at the public library.

ICSS Grading Policy

Student progress is monitored through instructor observation during lecture, discussion and practical exercises as well as Knowledge and Performance Tests. Minimum passing score on all DCITA tests is 70%.