DFF — Digital Forensics with FRED™

FOUNDATION LEVEL

Course Description

This half-day course introduces the full range of FRED features and functions, teaching students how to leverage capabilities of the forensic workstation to conduct digital forensic operations, such as: forensic preview, triage, or duplication of electronic evidence. Additional lessons in this course will focus on best practices and techniques for:

- Configuring FRED systems for optimal use with industry-standard forensic software
- Properly maintaining workstations to ensure peak performance
- Troubleshooting common technical issues effectively

This course is designed for Forensic Examiners, eDiscovery Specialists, and First Responders.

Course Objectives

Attendees will gain a complete understanding of the features, functions, and capabilities of their FRED Forensic Recovery of Evidence Device.

Prerequisites

This course is well-suited for novice Digital Forensic or eDiscovery practitioners with a basic understanding of Microsoft Windows operating system functionality. To gain the maximum benefit from this course you should meet or exceed the following requirements:

- Read and understand the English language
- Be familiar with the Microsoft Windows environment and Course Outline

Course Outline

The course will follow adult learning principles through training aids such as presentations, diagrams and practical instructor lead examples. Each topic covered will be presented in either one or two 50-minute sessions followed by review questions. Students will be given the opportunity throughout the course to ask questions and discuss objectives covered in more detail.

The course will be structured as follows:

Introduction and Digital Intelligence Hardware Overview

- Introductions by the students and course instructor
- An overview and discussion of the various FRED systems and configurations
- Discussion of additional Digital Intelligence hardware to include write blockers, adapters, storage solutions, etc.

Getting to Know FRED

- Review the components that make up a FRED system
- Discuss the UltraBay write blocker and its functionality within the workstation
- Explore the function and use of FRED removable drive bays
- Examine the role of the UltraBlock Forensic Card Reader for removable media

Troubleshooting and Updating

- Identify which components will require periodic updates
- Learn how to perform updates using appropriate software
- Discuss common technical issues and effective solutions

Optimal Configurations

- Discuss the various RAID options available for FRED systems
- Identify storage / drive configurations that optimize FRED performance with forensic software

Back Up and Restoration

- Discuss the use of the system restore disc (provided with FRED)
- Review the restoration of the SUSE Linux disc (provided with FRED)
- Learn how to create a user backup of the FRED system
- Discuss restoration of a user backup of the FRED system

Contact info
sales@digitalintelligence.com
1.866.344.4683
Outside the US: +1 262.782.3332