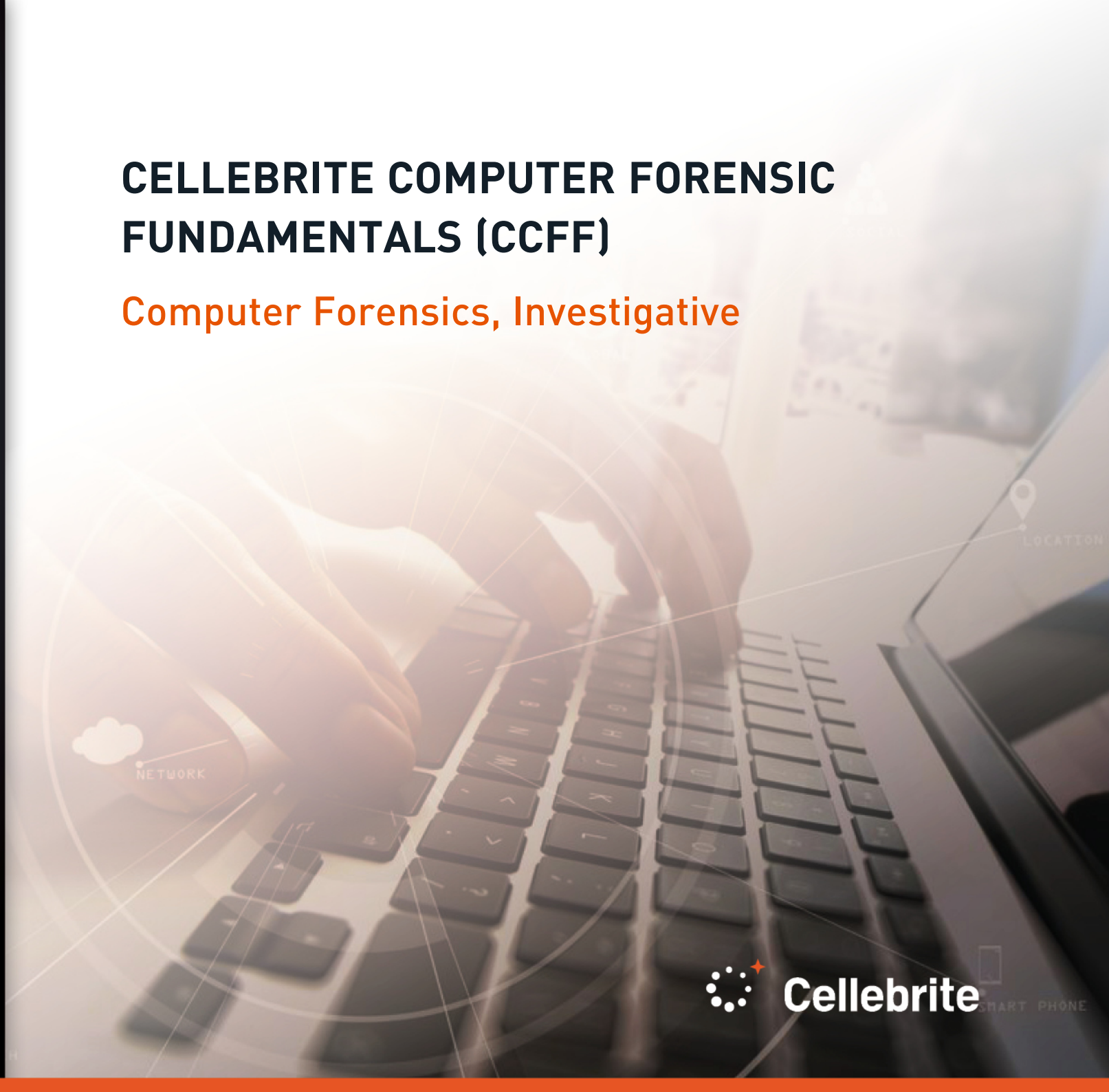
CELLEBRITE COMPUTER FORENSIC FUNDAMENTALS (CCFF)

Computer Forensics, Investigative



Cellebrite

Level

Entry/Beginner

Length

Four-Day (28 hours)

Training Track

Computer Forensics
Investigative

Delivery Mode

Instructor-Led
Live Online

Course Description

Cellebrite Computer Forensic Fundamentals (CCFF)is a four (4) day entry level course designed to provide users with an introduction to digital forensics methodologies and the use of Digital Collector and Inspector. Whether the goal is to learn the fundamentals for investigative techniques or gain experience with Cellebrite's tools, the CCFF course provides a perfect opportunity. The course is taught using a full scenario-based investigative tutorial to better merge the different skill levels of attendees. Participants will achieve the CCFF certification upon passing a knowledge skills assessment with a score of 80% or better.

Computer Forensics, Investigative

Cellebrite aims to support learners in the pursuit of excellence in Digital Intelligence specialty areas without the need to commit to any degree program. Cellebrite's Academic & Learning Paths provide guided training programs and continuous skill set development to achieve various levels of educational or professional goals.

By following a learning path, students can target personal, professional, and leadership skills in a Digital Intelligence career for law enforcement, military, intelligence, and private sector practitioners. Cellebrite's curriculum reflects its commitment to digital intelligence excellence by helping professionals around the world achieve a higher standard of competence and success. Below are general audiences and focus areas relative to this course.

Course Learning Objectives

Upon successful completion of this course, students will be able to:

- Explain live triage and imaging procedures for both MacOS and Windows
- Describe the features and functions of Digital Collector
- Explore booting and utilizing Digital Collector for data collection
- Discuss various file systems
- Explore the features of Inspector
- Review Inspector case management
- Explore the processing in Inspector
- Identify, tag, and annotate extracted data
- Explore utilizing filtering and searching within Inspector
- Discuss extracting data, creating and comparing hash sets, and reviewing media with Inspector
- Explore file carving, email evidence, internet artifacts, and archives
- Examine and understand Mac and iOS artifacts
- Examine and understand Windows artifacts
- Generate investigative reports and portable cases

INTRODUCTION

• Identify Cellebrite's global presence and service industry. • Describe Cellebrite's core training and certification process. • Recount Cellebrite's accolades and accomplishments. • Review the capabilities engineered in Cellebrite platforms and digital forensic solutions. • Identify other people in the community that can serve as a training or help resource. • Identify the learning objectives related to the course or training product. • Discuss a practitioner's legal responsibilities using Cellebrite products, software, and services.

DATA ACQUISITION

- Discuss Digital Collector features and functions
- Review imaging processes for different media
- Discuss imaging Windows vs MacOS
- Discuss live data collection
- Review booting into Digital Collector
- Discuss the proper handling of digital evidence

INSPECTOR OVERVIEW

- Explore the Inspector interface
- Review how to create a case and add evidence
- Review how to restore an Inspector archive
- Discuss the processing options
- Discuss how to navigate evidence within Inspector

TAGGING AND SEARCHING

- Explain tagging varying items of interest
- Practice tagging (singular and multiple) items within Inspector
- Discuss and practice data filtering
- Explore and practice Content Searching
- Discuss using regular expressions
- Explore and practice Index Searching

DATA ANALYSIS

- Explore different ways to extract evidence within Inspector
- Discuss hashing and creating custom hash sets
- Practice running hash sets in Inspector and comparing hashes
- Explore reviewing media within the Media tab in Inspector
- Discuss file carving (on MacOS vs Windows)
- Explore email evidence for both Windows and MacOS
- Discuss internet evidence associated with different internet browsers
- Discuss archives and their significance in investigations
- Explore Windows specific evidence
- Explore MacOS specific evidence
- Review specialized topics and Inspector collaborations

REPORTING

- Explore the reporting feature within Inspector
- Discuss the reporting options
- Practice generating a report within Inspector
- Explore portable case
- Practice generating a portable case

FINAL EXAM

- Complete a knowledge-based exam and practical skills assessment
- Evaluate the course components using the Feedback Survey.
- Download a Certificate of Attendance.
- Download a Certificate of Completion (if awarded)*.

Get skilled. Get certified.

"Every day around the world, digital data is impacting investigations. Making it intelligent and actionable is what Cellebrite does best.The Cellebrite Academy reflects our commitment to digital forensics excellence; training forensics examiners, analysts, investigators and prosecutors around the world to achieve a higher standard of professional competency and success."

Learn more at: cellebritelearningcenter.com

Cellebrite

Cellebrite Computer Forensic Fundamentals

The materials and topics provided herein are provided on an "as is" and "as available" basis without any warranties of any kind including, but not limited to warranties of merchantability, fitness for a particular purpose or guaranties as to its accuracy or completeness. Please note that some materials, topics and items provided herein are subject to changes. Cellebrite makes no warranties, expressed or implied, for registered trademarks of cellebrite in the united states and/or other countries. Other trademarks referenced are property of their respective owners. Applicable law may not allow the exclusion of implied warranties, so the above exclusion may not apply to you.