



CELLEBRITE CERTIFIED OPERATOR (CCO)

Mobile Forensics

September 16-20, 2024
Lafayette Police Department
1301 South Street
Lafayette, IN 47901

Cost = \$4,500.00 per student

Course Description

Cellebrite Certified Operator (CCO) is a two (2) day intermediate level certification course designed to further develop mobile device handling and data extraction skills. This course reinforces forensically sound processes introduced in Cellebrite Mobile Forensic Fundamentals (CMFF), and guides participants through installing and configuring UFED Touch and UFED 4PC to conduct mobile device extractions. By completing practical hands-on exercises in the in-person course, participants will gain experience conducting Logical, File System, and Physical extractions, and creating shareable UFDR reports to streamline the investigative process. Participants will earn the CCO certification upon passing a knowledge test and practical skills assessment with a score of 80% or higher.



Level

Intermediate



Length

Two-Day
(14
hours)



Certification Track

CCME and CCRS



Delivery Mode

In-Person
Virtual
Self-Paced*

* last updated May 2023

Course Learning Objectives

Upon successful completion of the course, the student will be able to:

- Describe pre-extraction considerations.
- Install and configure Touch, Touch 2, or 4PC and Physical Analyzer software.
- Explain the best practices for the on-scene identification, collection, packaging, transporting, examination, and storage of digital evidence data and devices.
- Display best practices when conducting cell phone extractions.
- Identify functions used within Touch, Touch 2, or 4PC to perform supported data extractions.
- Exhibit how to open extractions using Physical Analyzer.
- Summarize how to conduct basic searches using Cellebrite Physical Analyzer.
- Outline how to create a Triage report using Cellebrite Physical Analyzer.
- Demonstrate proficiency by completing a knowledge-based and practical skills assessment.

Note

No pre-requisites exist to attend the CCO class, which is the second of three requirements, to qualify for the Cellebrite Certified Mobile Examiner (CCME) certification exam.

The CCO course is NOT available as a test-out option for those individuals seeking to achieve CCME pre-requisites.

It is recommended that students in the CCO course have completed the Cellebrite Mobile Forensics Fundamentals (CMFF) course prior to this class.

Empowering Justice through Expert Digital Forensics Training

Cellebrite Training is a leading provider of digital forensics education, offering a comprehensive suite of courses designed to empower professionals in mastering the techniques, tools, and methodologies essential for navigating the complexities of digital investigations.

For a complete list of Cellebrite Training's in-person, virtual, or self-paced course offerings, please visit www.cellebrite.com/training or contact your regional Training Account Manager at Training@cellebrite.com or 800-942-3415. Select option #3.



CELLEBRITE CERTIFIED PHYSICAL ANALYST (CCPA)

Mobile Forensics

Course Description

The Cellebrite Certified Physical Analyst (CCPA) course is a 3-day advanced level program designed for technically savvy investigators, digital evidence analysts and forensic practitioners. As this course focuses on the analysis and advanced search techniques using Physical Analyzer, participants will not be conducting extractions from devices in this course. Physical Analyzer software will be used extensively to explore recovered deleted data, database contents, advanced search and analysis techniques, verification and validation, and reporting.



Level

Advanced



Length

Three-Day
(21 hours)



Certification
Track

CCME



Delivery
Mode

In-Person
Virtual
Self-Paced*

* last updated July 2019

Course Learning Objectives

Upon successful completion of the course, the student will be able to:

- Demonstrate proficiency in the digital forensic process by effectively conducting digital forensic examinations using Cellebrite's Physical Analyzer.
- Prepare comprehensive digital forensic reports.
- Differentiate between verification and validation techniques and apply them appropriately during the digital forensic process.
- Develop a comprehensive understanding of data validation best practices, including documenting validation processes and maintaining the chain of custody.
- Identify various smartphones and manufacturers, and employ forensic techniques to examine, identify, and verify smartphone hardware, software, and data.
- Install and configure Cellebrite Physical Analyzer, explore data extractions from mobile devices, and utilize its advanced settings.
- Explore and analyze the Android and Apple operating system and file system structures, as well as their value and complexities to investigators.
- Explore advanced forensic examination tools and topics such as SQLite databases, flash memory characteristics, data carving techniques, and byte-level data searches.

Note

This course is part of the Cellebrite Certified Mobile Examiner (CCME) track. The full track requires the completion of CCO, CCPA, and CASA to qualify for the CCME exam.

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