



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.

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.