

Cellebrite Certified Operator

Global Forensic Training



Level

Intermediate

Length

Two-Day (14 hours)

Learning Track

Cellebrite Mobile Forensics

Delivery Mode



Instructor
Led



Web-
based



Live
Online

Course Description

The Cellebrite Certified Operator (CCO) course is a Two-Day (14 hours) Intermediate level certification program designed for data extraction team members tasked with extracting data in a forensically sound manner using Touch2 or 4PC. CCO course focuses on teaching data extraction team members such as technically savvy investigators, digital forensic examiners, internal affairs investigators, first responders, or IT staff designated to handle extraction of digital evidence to perform extractions on a variety of devices.

The CCO course expands on concepts introduced in the CMFF course and introduces extractions and data sets for use case scenarios. The CCO course includes logical, file system, and physical extractions from mobile devices as well SIM cards and external storage such as SD cards. Course participants use Touch, Touch2 or 4PC, and UFED Physical Analyzer software to conduct basic searches, create bookmarks and reports. Throughout the course, participants have opportunities to gain the fundamental understanding needed to review a logical data extraction report and open each extraction type using the Physical Analyzer software.

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 complete the Cellebrite Mobile Forensics Fundamentals (CMFF) course or test out prior to this class.

CMF Program & Learning Tracks

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 Tracks provide guided training programs and continuous skillset development to achieve various levels of educational or professional goals. By choosing a "track" or "learning path" students can focus on personal, professional, and leadership skills in a Digital Intelligence career for either law enforcement, military, intelligence, and private sector practitioners. .

Below is general information related to the audiences and focus areas for professionals taking this course, as part of the Cellebrite Mobile Forensic (CMF) training program. Cellebrite's CMF curriculum reflects our commitment to digital forensics excellence; training forensics examiners, analysts, investigators and prosecutors around the world to achieve a higher standard of professional competence and success.

The CCO training is designed for the following professionals:

- Analysts
- Digital Forensic Examiners
- Investigators

Course 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 practice 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.

Modules and Topics

Module	Topics
Module 1: Introduction	<ul style="list-style-type: none"> • Discuss course administration. • Describe Cellebrite's core training and certification process. • Review of the capabilities engineered in the Cellebrite Platforms and digital forensic solutions. • Discuss a practitioner's legal responsibilities using Cellebrite products, software, and services.
Module 2: Forensic Handling of Mobile Devices	<ul style="list-style-type: none"> • Install 4PC and review licensing options • Install Physical Analyzer and review licensing options • Describe the phases of the digital forensics process • Populate data on an Android phone to complete extractions • Conduct Logical extractions of mobile devices • Review legal considerations for seizing and searching devices • Describe the importance of proper evidence handling and documentation
Module 3: Touch2 and 4PC Familiarization	<ul style="list-style-type: none"> • List the components, features, or functions for the Touch2 and 4PC. • Describe how to purchase and maintain the license(s) for UFED technology. • Discuss how to update software and firmware for Touch2 and 4PC. • Conduct an installation of 4PC on a computer workstation. • Modify Touch2 and 4 PC configurations for the extraction of different devices and investigative needs.
Module 4: Cellebrite Extraction Methodologies	<ul style="list-style-type: none"> • Identify best practices for the extraction of data from digital evidence devices. • Discuss the methods frequently employed by forensic examiners to acquire data from mobile devices. • Explain the SIM file system organization. • Conduct SIM card extractions and cloning comparisons. • Apply forensic techniques to produce media storage extractions. • Operate the Touch2 or 4PC, and Physical Analyzer to conduct device extractions. • Demonstrate the removal of a passcode from a locked device using Touch2 or 4PC. • Describe the uses for UFED Camera Services.

Module	Topics
Module 5: Triage Reporting	<ul style="list-style-type: none"> • Explain the fundamental elements of a Reader (UFDR) report produced by Physical Analyzer. • Describe the reporting options within the Physical Analyzer interface. • Compose PDF and UFDR reports using digital evidence artifacts recovered during mock investigations.
Module 6: Final Exam	<ul style="list-style-type: none"> • Complete a , knowledge-based and practical skills assessment • Evaluate the course components using the Feedback Survey • Download a Certificate of Attendance • Download a Certificate of Completion (if awarded)*

Additional Information About CCO:

- Cellebrite Certified Operator is:
 - the first level of certification offered by Cellebrite, below CCPA.
 - is essential for professionals handle or acquire data from mobile devices.
 - ideal for individuals with basic knowledge in digital forensics or successfully completed CMFF.

Note: Students are offered an optional, knowledge-based and practical skills examination at the conclusion of the course. Successful completion of the exam with a passing score of at least 80.00% results in a certification credential and attendance credit. Completion of the course without a passing minimum exam score requirement awards the student only a Certificate of Attendance.

Important: Successful completion of this course is defined as the student being able to demonstrate proficiency in the Course Learning Objectives by passing a Final Exam assessment with a minimum score of 80.00% or higher to be awarded a Certificate of Completion.

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

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