



GLOBAL FORENSIC TRAINING

Cellebrite Mobile Forensics Fundamentals (CMFF)



COURSE DESCRIPTION



Level

Entry

Target Audience

Investigators,
Technicians, CSI
Staff, Forensics

Length

1 days

Delivery Mode

Instructor Led
Training or
Web-Based
Training

The Cellebrite Mobile Forensics Fundamentals (CMFF) course is a 1-day entry level program designed for investigators to identify mobile device hardware and understand the general the forensic process. Students will learn how the four phases of the forensics process are related and demonstrate how to handle devices following best practices. Students will also conduct basic analysis of extracted device data and generate reports using UFED Reader software.

This is the starting point for first responders, investigators and CSI staff tasked with identifying and seizing mobile devices for data acquisition. As this class is designed to teach this audience, it does not include conducting extractions. Students achieve the CMFF certificate of completion upon passing an examination with a score or 80% or better. The CMFF course (or test out) is the first requirement to qualify for the Cellebrite Certified Mobile Examiner (CCME) certification exam.



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Course Objectives:

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

- Recognize the legal responsibility in using Cellebrite products
- Identify mobile device hardware based on physical characteristics using various methods
- Recognize and describe the four phases of the forensics process
- Apply best practices when seizing devices to a mock scenario
- Conduct basic analysis and searches of extracted device data using UFED Reader software
- Create basic reports using UFED Reader software

Module and Estimated Time	Description and Objectives
Introduction 60 minutes (1 hour)	<ul style="list-style-type: none">• Identification of mobile device hardware and operating systems• Discussion of how mobile devices communicate• Discussion of how technology affects network capacity• Information on how devices and subscribers are identified on networks
Forensic Process Overview 120 minutes (2 hours)	<ul style="list-style-type: none">• Description of the first responder's role• Description of the four phases of the digital forensics process• Identification of challenges when applying the process to mobile devices (Android and iOS locks)• Discussion of the data extraction approach
Seizure of Mobile Devices 90 minutes (1.5 hours)	<ul style="list-style-type: none">• The importance of evidence handling and documentation• Identifying tools and equipment for seizing mobile devices as evidence• Applying proper procedures for seizing mobile devices in a manner that preserves evidence integrity• How to sterilize media to be used for storage of evidence
UFED Reader 60 minutes (1 hours)	<ul style="list-style-type: none">• Description of UFED Reader capabilities• Understanding of what a UFDR file is• How to import a UFDR file into UFED Reader for analysis and reporting• How to bookmark and filter a UFDR Report• How to create reports from UFED Reader files



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Module and Estimated Time	Description and Objectives
<p>Examination 30 minutes (0.5hours)</p>	<p>The CMFF examination consists of 25 randomly selected questions related to:</p> <ul style="list-style-type: none">• An investigator's legal responsibility when using forensic hardware and software• Recognizing mobile device hardware• Identifying the four phases of the forensics process• How to apply best practices when seizing devices• Basics of dealing with extracted device data using UFED Reader

To learn more, visit
www.cellebritelearningcenter.com

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