CELLEBRITE COLLECTION ACQUISITION AND TRIAGE (CCAT)

Mobile Forensics , Investigative , Computer Forensics

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Level

Entry/Beginner

Length

Four-Day (28 hours)

Training Track

Computer Forensics

Investigative

Delivery Mode

Live Online
Instructor-Led
Web-Based

Course Description

Cellebrite Collection Acquisition and Triage (CCAT) is a four (4) day intermediate level course that combines the Cellebrite Certified Operator (CCO) and Cellebrite Basic Forensics Investigations (CBFI) courses. The intermediate level program is ideal for professionals involved in triaging, extracting, authenticating, analyzing, and reporting on digital evidence. Instructor-led activities include data collection, screen previews, evidence triage, and the operation of Cellebrite (Touch2/4PC), Reader, Cellebrite Digital Detector, and Cellebrite Illuminator solutions. Participants who attend and successfully complete the exam and knowledge assessments will earn two (2) certifications.

> **Note**: No pre-requisites exist to attend the CCAT class, which can be taken to meet the second of three requirements, to qualify for the Cellebrite Certified Mobile Examiner (CCME) certification exam. The CCAT course is NOT available as a test-out option for those individuals seeking to achieve CCME pre-requisites. Prior knowledge or use of Cellebrite Inspector, Cellebrite Digital Collector, Cellebrite Touch2, or 4PC is not required to take this course but, it is recommended that students have completed the Cellebrite Mobile Forensics Fundamentals (CMFF), course or test out, prior to this class.

Computer Forensics, Mobile 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. Below are general audiences and focus areas relative to this course.

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.

- Digital Forensic Examiners

Course Objectives and Module Topics

The successful completion of Cellebrite Collection Acquisition and Triage C^{2}AT will result in two certifications, aimed at augmenting your professional portfolio as outlined by the individual course objectives listed below.

CCO 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 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.

CBFI Course Objectives

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

- Explain Live Triage and Imaging procedures.

- Describe the features and functions of MacQuisition.

- Perform multiple Case Study reviews

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- Examine macOS and iOS artifacts

- Explore the processing of Microsoft Windows in BlackLight

- Identify, Tag and Annotate extracted data

- Generate investigative Reports

- Demonstrate proficiency by completing a knowledge-based skills assessment

CCO Modules Topics

Module	Topics
Module 1: Introduction	- 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
Module 2: Forensic Handling of Mobile Devices	- 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.

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Module	Topics
Module 3: Touch2 and 4PC Familiarization	• 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	• 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 5: Triage Reporting	• 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	• Complete a knowledge-based exampractical skills assessmentknowledge-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)*

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BFI Modules Topics

Module	Topics
Module 1: Introduction	- Discuss course administration - Describe BlackBag's training and certification process - Review of the capabilities of BlackBag's Platforms and digital forensic solutions - Recognize the legal responsibility in using BlackBag's products and services
Module 2: Acquiring Data	(missing or bad snippet)
Module 3: BlackLight Introduction	(missing or bad snippet)
Module 4:BlackLight Features and Functions	(missing or bad snippet)
Module 5: Processing Options	(missing or bad snippet)
Module 6: Tagging Items of Interest	(missing or bad snippet)
Module 7: Data Filtering and Cultivation	(missing or bad snippet)
Module 8: Developing Actionable Intelligence	(missing or bad snippet)
Module 9: Media	(missing or bad snippet)
Module 10: Mobile	(missing or bad snippet)
Module 11: Data Analysis	(missing or bad snippet)
Module 12: Reporting (supplemental resources)	(missing or bad snippet)
Module 13: Other Topics	(missing or bad snippet)

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Module	Topics
Module 14: Final Exam	- Complete a knowledge-based assessment - Evaluate the course components using the Feedback Survey - Download a Certificate of Attendance - Download a Certificate of Completion (if awarded)*

Additional Information

Cellebrite Collection Acquisition and Triage (C^{2}AT) is:

- an opportunity to achieve Cellebrite's Certified Operator (CCO) Certification below CCPA
- an opportunity to achieve the Certified BlackLight Examiner (CBE) designation
- essential "toolkit" solution for professionals that handle or acquire data from various devices
- ideal for individuals with basic knowledge in digital forensics or successfully completed Cellebrite's CMFF

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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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