



# A.B.M. INTEL

An industry leader in cellular records analysis training and the premier training provider for CellHawk by LeadsOnline

## Course Catalog 2024

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# A.B.M. INTEL

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## CellHawk Certifications

CellHawk by LeadsOnline is a powerful tool for analyzing and mapping cellular telephone records. A.B.M. Intel is a PREMIER training provider for CellHawk. This prestigious title is only awarded to the best in the industry, and authorizes us to issue certifications to our attendees.





# A.B.M. INTEL

## CellHawk Basic (CB)

**CellHawk Certification:** CellHawk Basic Certification

**Level:** Entry-Level

**Pre-requisites:** None

**Cost:** \$400.00

### Description:

This 2-day course will provide a comprehensive review of CellHawk and its features. Attendees will learn how to load records from the major telecommunication providers, and how to use those records to further their investigation. The course has plenty of hands-on instruction and practical exercises.

### Course Topics:

- \* LeadsOnline Toolbox
- \* Cellular provider record retention
- \* Provider records
- \* Uploading records
- \* Generating reports
- \* Filtering
- \* Analytical features
- \* Ping listener
- \* Mapping
- \* Patterns and commonality

### Important Information:

This course is provided live and online. The course is perfect for experienced analysts new to CellHawk, or entirely new CellHawk users. Attendees must have a computer with internet access, a web browser, a microphone, and camera. Attendees must also have the ability to open and view PDF and Microsoft Excel files. No sharing of devices is allowed.





# A.B.M. INTEL

## Cellular Technology, Records, and Analysis (CTRA)

**CellHawk Certification:** CellHawk Intermediate Certification

**Level:** Intermediate

**Pre-requisites:** CellHawk Basic (CB) recommended, but not required.

**Cost:** \$675.00

### Description:

This 3-day intermediate level course was designed to provide the attendee with a basic understanding of how cellular telephones operate, the records they generate, how to obtain them, and how to leverage them in an investigation. The course mixes lecture content with practical exercises to provide the student with plenty of hands-on time analyzing records using CellHawk.

### Course Topics:

- \* Cellular technology and evolution
- \* Sources of data
- \* Target development
- \* Resources
- \* Provider records
- \* NDCAC and cell site lists
- \* Mapping and analysis
- \* Specialized location records (RTT, TDOA, TA, etc.)
- \* Device behavior
- \* Presenting the records in a report and court

### Important Information:

This intermediate level course may be taken as an entry-level course by capable attendees. Attendees are required to bring a Windows laptop with WiFi capability, or other connectivity option. Attendees must have a supported web browser and the ability to open and view PDF and Microsoft Excel files. A wireless mouse is highly recommended.





# A.B.M. INTEL

## Advanced Cellular Records Analysis (ACRA)

**CellHawk Certification:** CellHawk Advanced Certification

**Level:** Advanced

**Pre-requisites:** Cellular Technology, Records, and Analysis (CTRA)\*

**Cost:** \$825.00

### Description:

This 3-day advanced level course builds upon the information and concepts covered in CTRA. The course takes a higher level approach to technology, network operations, specific provider topics, records analysis, and the use of CellHawk. Attendees will also learn how to effectively analyze records, tower dumps, and area searches, using CellHawk and freeware. The course is interactive and utilizes hands-on practical exercises.

### Course Topics:

- \* Cellular network operations
- \* Basic RF principles
- \* Specific provider topics
- \* Microsoft Excel addons
- \* Tower dumps
- \* Area searches
- \* Connected vehicles
- \* Specialized location records (RTT, TDOA, TA, etc.)
- \* Unsupported files in CellHawk
- \* Case studies

### Important Information:

*\* In addition to CTRA, attendees should also be fluent in the use of CellHawk, NDCAC, and the use of cell site lists. Extensive prior casework with cellular records analysis and CellHawk is highly recommended.*

Attendees are required to bring a Windows laptop with WiFi capability, or other connectivity option. Attendees must have an external mouse, supported web browser, and a full version of Microsoft Excel. Administrator rights, or the ability to install software, is also necessary.

