



# Criminal Investigations Using Cellular Technologies

**ADVANCED COURSE**

**March 9-13, 2020**

- Hosted By -

**Washington County Sheriff's Office**

**PSTC building located at 600 SW Walnut St. Hillsboro, OR**

The 40 Hour Advanced cell phone investigations course is open to any sworn investigator, crime analyst or fugitive operator possessing fundamental knowledge of call detail records, and who want to advance their proficiency understanding call detail record meta data for successful investigations and trial presentations.

This course allows motivated investigators to understand the evidentiary value of call detail records and geolocation data. The class syllabus incorporates several case studies for attendees to investigate using meta data from each major provider and other sources of geolocation information. The case study workshops in this class allow students to experience the process of investigating call detail records from beginning to end, instilling knowledge and confidence to build a final case they feel confident testifying to in court. This course is always evolving, sometimes from one class to the next to keep up with the ever-changing world of cellular technology. The 40 Hour Advanced course has an extreme focus on best investigative practices and is a pre-requisite to the ZetX cell phone investigations Subject Matter Expert Certification Course.

Students are required to bring laptops with Microsoft Excel and Google Earth installed. Students will be required to work with call detail records and geolocation information throughout the course. Students are encouraged to review these applications and have a basic understanding of them prior to class. This course is designed to use lecture, case studies, and practical workshops to demonstrate and teach investigative techniques.

## Topics Include:

- Provider Specifics
- Provisioning GPS Information
- Legal Concerns
- Meta Data Retention
- Undercover Operations
- Court Orders/Search Warrants
- Establishing Exigent Orders
- GPS Technologies
- Cell Theory
- In Depth Case Studies
- RTT, PCMD, True Call
- Court Presentations
- Exigent & Live Tracking
- Drive Testing Principles
- Pattern Analysis
- Social Media and Devices
- MAC and Wi-Fi Tracking
- VoIP and Non-Conventional Tracking

**\$700.00 Per Person, Register on-line at [www.ZetX.com](http://www.ZetX.com) or call 480-378-6823**

For more information on our certification process, please visit our training page at [zetx.com/training](http://zetx.com/training)