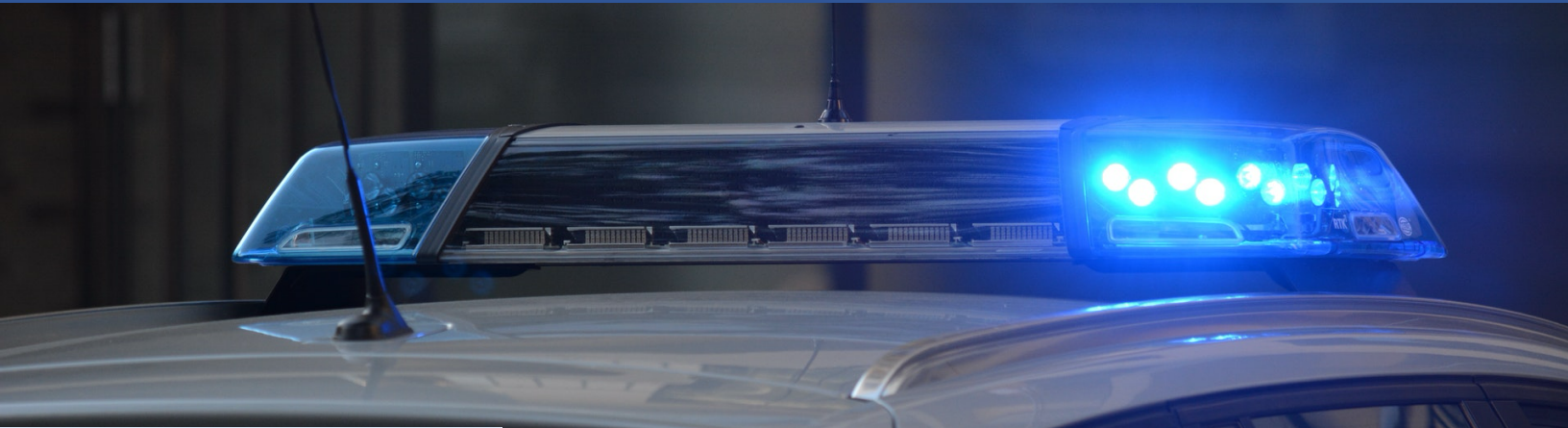# ADVANCED CELLULAR AND TIMING ADVANCE AREA SEARCH INVESTIGATIONS

WHEN:
August 8, 2025
8:30AM- 4:30PM

WHERE:
Daytona State College
School of Emergency Services
ATC Campus
1770 Technology Blvd.
Daytona Beach, FL 32117

WHO SHOULD ATTEND:
Officers, Detectives, Crime Analysts, Investigators, etc.
RESTRICTED TO LAW ENFORCEMENT PERSONNEL

WHAT TO BRING:
This is a hands-on course, students are required to bring a laptop or tablet with internet access.

COST:
$250 per student
$225 groups 3 or more

REGISTER:

This one-day course is designed to equip law enforcement officers with advanced investigative skills using Tower Dumps, Area Searches, and Timing Advance technology to effectively identify suspects and solve complex cases. With the end of Google Geofence capabilities, the course explores alternative methods, including cellular data exploitation and integrating modern tools like Connected Vehicle data. Participants will learn the principles of cellular networks, how devices interact within them, and how to analyze Tower Dumps and specialized location records. Additionally, the course covers Timing Advance technology for precise geographic searches, integrating these methods with traditional investigative tools, and ensuring adherence to legal and ethical guidelines.

Course Objectives:
- Understand the principles of cellular networks and Timing Advance technology and their applications in investigations.
- Learn how to create targeted search areas using both Tower Dumps and Timing Advance technology.
- Analyze cellular records, including Tower Dumps, to identify potential leads and suspects.
- Apply legal and ethical considerations in the use of cellular and geographic data.
- Utilize specialized location records, advanced area searches, and Connected Vehicle data in investigations.
- Develop skills in interpreting and visualizing Timing Advance data for investigative purposes.
- Integrate Timing Advance and Tower Dump data with other investigative tools to enhance case-solving efforts.
- Apply learned methodologies to solve real-world complex criminal cases using both theoretical knowledge and hands-on practice.

Learning Outcome:
Upon completing this course, participants will be equipped with the knowledge and skills to effectively use Tower Dumps, Area Searches, and Timing Advance technology in their investigations, allowing them to solve complex cases more efficiently and contribute to public safety with confidence.

INSTRUCTOR: We only use active law enforcement, who are currently using these techniques in their daily roles as our instructors. By doing this, it keeps the material up to date and immediately applicable for the students. The instructors can use their own active cases to reinforce the techniques taught in the class. You can read all our instructor biographies on our website.

REGISTER AT WWW.COVERTMEDIACONSULTING.COM