



## Cyber-Investigation 210- GPSI

This one-day course begins by establishing a basic understanding of the concepts and components behind the Global Positioning System (GPS). Students will then be introduced to a wide array of GPS devices, ranging from portable and marine navigation units to tracking devices. Focus will then shift to best practices for seizing and preserving the vast amount of location information that could potentially be stored on GPS-enabled hardware. From there, instructors will guide attendees through the use of forensically-sound tools and techniques designed to extract and analyze GPS data in the most effective manner possible. Proper methods for documenting and presenting location-based data will also be discussed.

**Prerequisites:** None

**Dates of Training:** Sept 17, 2015

**Location of Training:** Criminal Justice Institute  
26 Corporate Hill Dr  
Little Rock, AR 72205

**Registration Link:**

<http://www.nw3c.org/training/computer-crime/44>

**Contact:**

Paulette Chappelle 501-340-2677, [Paulette.Chappelle@usdoj.gov](mailto:Paulette.Chappelle@usdoj.gov)  
or

Tonia D. Wimberley 334-782-0498, [twimberley@nw3c.org](mailto:twimberley@nw3c.org)

## Training Agenda

### GPS TECHNOLOGY

Classify various types of GPS-enabled hardware and identify the vast amount of location data that can be extracted from these devices.

### PORTABLE NAVIGATION DEVICES

Discover best practices for seizing, preserving, and analyzing data on today's most popular PNDs using a variety of tools in a forensically-sound manner.

### MOBILE PHONES

Identify methods used by today's mobile phones to determine their location and learn how to acquire location data from multiple artifacts stored on the devices themselves.

### MARINE AND VEHICLE NAVIGATION

Identify categories of data stored on marine and in-dash vehicle navigation units as well as the available methods for extracting GPS-related information.

### TRACKING DEVICES

Discover the prevalence of both hardware and software solutions used for live and historical tracking and how this data can be obtained to aid in an investigation.

5000 NASA Boulevard  
Suite 2400  
Fairmont, West Virginia 26554

304.366.9094 ph  
304.366.9095 fax

[www.nw3c.org](http://www.nw3c.org)