

# Advanced Cyber Investigations Series

The ability to uncover information on the Internet is the primary skill of a cyber investigator. In this ever-changing era of online technologies, even the most seasoned of OSINT investigators needs to keep up with trends and techniques to enhance their intelligence capabilities. This 1-day, 6-module training program provides that expert training.

*Upon completion of this series, investigators will be able to hunt down deep web content, incorporate free and fee-based alert services and monitoring tools into investigations, conduct advanced social media investigations using CARA analysis, and utilize photo recognition search engines.*

## **Recommended Modules**

- Utilizing Advanced Google Searches
- Utilizing Social Media & Other Search Engines
- Search Resources: Unique Search Tools
- Advanced Social Media Investigations
- Social Network Monitoring
- Online Image Tracking & IP Tracing

## **Advanced Cyber Investigations Series: Module Descriptions**

### **Utilizing Advanced Google Searches**

*In this intermediate to advanced hands-on class, participants will learn how to maximize Google searches, as we cover the basics, the hacks, and extra Google resources to create proper search strategies and run advanced Internet searches. Participants will also learn the expert tools of this common search application to make difficult searches more effective. Upon completion of the course, field investigators will be able to hunt down deep web content; conduct advanced search strategies on Google, Bing, and other search engines; and use algorithms for surface finds and open source results.*

### **Utilizing Social Media & Other Search Engine Resources**

*Participants will learn how to open every aspect of social media to explore where key information can be hidden or overlooked. You will identify which search engine to use, when to use it, and what results you should expect from each by conducting hands-on advanced Internet and social media searches. We will also evaluate and review several free and fee-based resources on the market for locating unique information and monitoring social media. Upon completion of this course, investigators will be able to conduct search strategies; utilize social media search tools; and incorporate free and fee-based alert services and monitoring tools into their investigations.*

### **Search Resources: Unique Search Tools**

*In this intermediate hands-on class, we will go beyond generalized Google searches and learn unique search tools specific to investigative needs. Participants will learn new search engine resources and how to properly conduct advanced Internet and social media searches for people, non-profits, and more. We will also discuss how to track down older online material. Upon completion of the course, field investigators will be able to utilize online monitoring alert services, both free and fee-based; identify specialized, subject-specific search engines; and understand how to keep up with new search engines for investigations and research.*

### **Advanced Social Media Investigations**

*In this intermediate to advanced hands-on class, participants will learn how to discover intelligence by investigating popular social media platforms and search engines as well as gain knowledge of new social media platforms on the horizon. During the training, you will review social media pages, learn how hashtags and images can play a role in a case, and identify further leads. Upon completion of this class, field investigators will be able to conduct social media investigations using specialized search engines and conduct a CARA Analysis: Characteristics, Associations, Reputation, and Affiliations.*

### **Social Network Monitoring**

*Updated quarterly to keep investigators at the fore of social media trends, this advanced hands-on course will explore the latest search tools—free and fee-based—popular for monitoring chatter on social networks from Facebook to Burn Book. Participants will learn how to narrow a large profile to identify assets, evidence, and important details quickly and will observe demonstrations of software applications relevant to search applications. Upon completion of the course, field investigators will be able to locate key information, such as friends and associates, in social media profiles and understand the objects to be searched in language (native or foreign), imagery (pictures or emoji) and other relevant intelligence markers such as hashtags and live feeds.*

### Online Image Tracking & IP Tracing

*This introductory class offers participants hands-on training on how to track down images online, whether copyrighted or sensitive. Participants will learn how to utilize photo recognition search engines and locate users and their online posts using IP tracing, Whois services, and other search tools. Upon completion of the course, field investigators will be able to find and identify five logistics of an online image, including location metadata and hash values.*

**To book a training seminar or learn more about custom packages, please contact Paul Atkinson, Business Administrator, 973.706.7525 or [paul@hetheringtongroup.com](mailto:paul@hetheringtongroup.com)**

