# Law Enforcement Officers Online Investigations Series

Hg has a long history of providing law enforcement officers with up-to-date tools and techniques that help them conduct online investigations in our ever-changing, tech-driven society. We continue our commitment to the brave men and women with this 2-day, 9-module training program as taught to the National White Collar Crime Center.

*Upon completion of this training series, law enforcement officers will be able to conduct open source investigations; use tools to capture and store findings online; open every aspect of social media; understand the ins and outs of auction and illegal sale sites; track down images online; work online undercover and protect your identity; and conduct investigations on the dark web.*

**Day One**
Online Investigations &
Open Source Primer
*Utilizing Social Media &
Other Search Engine Resources*
Introduction to Social Media
Platforms & Searches
*Online Image Tracking & IP Tracing*
Investigating Auction Websites

**Day Two**
Utilizing Advanced Google Searches
*Advanced Social Media Investigations*
Using Anonymity & Working Undercover
*Removing Your Personal Identifying Information*
Understanding the Dark Web

**Hg** HetheringtonGroup

**Day One**

Online Investigations & Open Source Primer

*In this introductory hands-on course, participants will learn the types, differences, and jargon of open source investigations. During the training, you will conduct open source research, driven by a case study. Upon completion, field investigators will be able to navigate the internet and social media platforms for rudimentary online investigations as well as use time and resources more efficiently.*

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.*

Introduction to Social Media Platforms & Searches

*In this beginner to intermediate hands-on course, participants will learn how to utilize social- and photo-network websites, mapping tools, and other internet features used for intelligence-gathering and security assessments. We will discuss the best ways to search social media and how to use the focused social media platforms that identify and uncover social media profiles and their content. Additionally, we will explore how to conduct link analyses of social media profiles and determine how to gather intelligence without breaking the terms of service. We will also look at trending issues in social media. Upon completion of this course, field investigators will understand the difference between social media platforms and traditional sites and be able to locate information, document their discoveries, determine how it plays into their cases, and understand how to follow leads.*

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.*

Investigating Auction Websites

*This intermediate to advanced hands-on class examines how to use important online tools when conducting asset investigations. Participants will learn the ins and outs of auction and illegal sale sites, conduct hands-on searches to track materials stolen or otherwise sold on Backpage, Amazon, Craigslist, eBay, Oodle, gun/auto traders, and others. Upon completion of the course, field investigators will be able to track and locate assets illegally sold on auction, sale, and dark web onion sites.*

**Day Two**

## 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.*

## 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.*

## Using Anonymity & Working Undercover

*In this intermediate to advanced class, participants will receive hands-on training on how to conduct investigations on social media platforms without compromising their online identity, gain tools for working online undercover, and know how to avoid exposure when researching subjects online. Upon completion of the course, investigators will be able to conduct undercover online investigations and ethically protect their identity while conducting investigations.*

## Removing Your Personally Identifiable Information

*In this introductory hands-on class, participants will review a case study detailing how a fraudulent and nefarious actor obtains personal identifying information and how it can be used against you. You will learn "Opt Out" procedures for public service and security personnel and explore the tools and methodologies used to operate discreetly on the internet. Upon completion of the class, field investigators will be able to identify how private lives and public information are available through websites, social networks, and "Invisible Web" sources; and will have the ability to protect their privacy by implementing basic security practices online, at home, and on social media.*

## Understanding the Dark Web

*This class will examine the dark web, the channels used to institute private sales and exchanges, and criminal behavior. In this intermediate to advanced hands-on class, participants will gain a thorough understanding of the dark web—criminality, anonymity, counterfeit products, child pornography, and human trafficking; learn the directory structures of the dark web; and learn dark web languages like Tor and Tails and the lingo of this underworld. Training will include exploring dark web channels for content and finding the resources and specialized search engines for searching against dark web content. Upon completion of this course, field investigators will understand how to use Tor safely and effectively, while learning the vulnerabilities, and be able to conduct undercover online investigations on the dark web.*

**To book a training seminar or learn more about custom packages, please contact Paul Atkinson, Chief Operations Officer, 973.706.7525 or paul@hetheringtongroup.com**