



# BLACK HORSE

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the Future of Information Dominance

## DARK WEB IMMERSION COURSE

### COURSE OVERVIEW

The CASO Specialty Dark Web Immersion Course is designed to provide a foundational and advanced understanding of how to conduct research on the dark web using a variety of tools and methods to maintain safety and anonymity while conducting online operations. This course will help you gain an understanding of dark web tradecraft which can be used to uncover risks to you, your organization, or your assets..

Topics include:

- Hacking for Hire
- Cryptocurrency and Blockchain Technology
- Cyber Exploits
- Stolen Data (i.e. logins and passwords)
- Stolen Intellectual Property
- Stolen Financial Data
- Stolen Personally Identifiable Information
- Targeted Spam and Phishing Campaigns
- Insider Threats
- Cyber Espionage

### DARK WEB IMMERSION: QUICK FACTS

- 4-day Training Program (all-inclusive)
- Gain an understanding of dark web tradecraft
- Conduct effective research on the dark web using a variety of tools and methods
- Detailed case studies
- Get hands-on with Tor, TAILS, and I2P
- Encrypted communications and cryptocurrency tradecraft
- Complete a dark web research challenge
- Upgrade to a full 2-week CASO course with a Threat Intelligence, or Commercial Signature Reduction (CSR) focus

### SKILLS & OUTCOMES

- Configure and search Tor and I2P
- Manage attribution on the dark web
- Learn workflows for resolving email addresses, PGP keys, and online aliases to real world identities
- Link analysis with dark web entities and networks
- Work with various proprietary, best-in-class tools and technologies
- Search the Bitcoin Blockchain, trace transactions, and correlate bitcoin addresses
- Search techniques and complex discovery methods for findings .onion and .i2p sites
- Utilize dark web tactics, techniques, and procedures for Force Protection, Executive Protection, or the protection of company assets and intellectual property
- Utilize stateless operating systems for security and anonymity
- Employ dark web tradecraft for effective, credible engagement with dark web actorsCommunicate securely and anonymously via BitMessage and trust-less encrypted email
- Understand and utilize secure and anonymous instant messaging systems and file-sharing
- Complete a dark web challenge exercise to employ and demonstrate mastery of learned concepts



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### COURSE SCHEDULE, DAYS 1-4 (CAN MODIFY 3 OR 5 DAYS AS NEEDED)

| DAY 1                                                                                                                                                                                               | DAY 2                                                                                                                                                                                                                                                      | DAY 3                                                                                                                                                                                                                                                                                       | DAY 4                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Orientation &amp; Training Rules</li> <li>• Attribution Management</li> <li>• LUNCH</li> <li>• TAILS</li> <li>• Tor</li> <li>• Guided Work Time</li> </ul> | <ul style="list-style-type: none"> <li>• Case Study (Yard Bird)</li> <li>• Search Methods</li> <li>• Focused Research Time</li> <li>• LUNCH</li> <li>• Deep &amp; Dark Web Analytics (Proprietary Technologies)</li> <li>• Employment of Skills</li> </ul> | <ul style="list-style-type: none"> <li>• Case Study (Insider Threat)</li> <li>• I2P, ZeroNet, Freenet</li> <li>• LUNCH</li> <li>• Encrypted Communication (Protonmail, Thunderbird, PGP, Pidgin/OTR, Bitmessage, Tradecraft, Engagement)</li> <li>• Hands-On Practical Exercises</li> </ul> | <ul style="list-style-type: none"> <li>• Cryptocurrencies</li> <li>• Link Analysis (Proprietary Technologies)</li> <li>• LUNCH</li> <li>• Dark Web Challenge</li> <li>• Account Scrub/Closing</li> <li>• Graduation</li> </ul> |

### ADDITIONAL BLACKHORSE COURSES

You can also upgrade to a full CASO course that integrates the Dark Web Immersion modules into a 2-week training experience. We offer the following upgrade options:

CASO for Threat Intelligence - holistic training focused on research and analysis of digital threat data, with an emphasis on applying a flexible research framework towards producing actionable and meaningful threat intelligence reports and deliverables.

Commercial Signature Reduction (CSR) - advanced commercial best practices for digital data protection techniques to facilitate safe virtual on-line operations.

Digital Signature Training - a combination of both CASO and CSR, delivered in a 3-week training program, for analysts that need or want to be certified to conduct advanced, safe, passive-to-active online research activities.

Specialty Workflow and Analysis Training - a week-long training course that focuses on one thing: ensuring that your analysts and research teams can prove and provide the “so what” of open research. This course ensures that analysts are delivering value-added products to decision makers.

Additional details for each option provided upon request. Contact us at [bd@blackhorsesolutions.com](mailto:bd@blackhorsesolutions.com).