BLACK HORSE

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the Future of Information Dominance

CASO™ Quick Facts

Differentiators

- Best-in-class curriculum that translates to mission outcomes
- Instructors with 200+ years combined experience & lessons-learned from more than 1000 graduates
- Holistic, skills-based, and tool-agnostic training tailored to your needs
- Train at the speed of technology - learn with real-time and relevant data
- Can be delivered locally or as a mobile training team

Mission and Skills Supported

- All-Source Intelligence
- Civil Affairs
- Counter-Terrorism
- Counter-Threat Finance
- Counterintelligence
- Digital Communications
- Force Protection
- HUMINT
- Identity Management
- Information Operations
- Logistics
- Measures of Effectiveness
- Military Deception
- Operational Security
- OSINT
- Preparation of the Digital Environment
- Psychological Operations
- Public Affairs
- SIGINT
- Signature Reduction
- Targeting
- Threat Intelligence

CASO™ is BlackHorse's suite of holistic training solutions focused on delivering commercial best practices to understand and exploit the publicly available information (PAI) domain with advanced and safe research techniques.

CASO is about equipping you with the necessary skills and tools to safely understand the digital environment in a manner that allows you and your organization to stay a step ahead of those trying to cause harm to your people, reputation, brand, assets, network and supply chain. Students learn to safely discover, synthesize, and analyze publicly available data and metadata to provide actionable insights for more effective decision-making.

Courses are conducted in a digital immersive environment and utilize a combination of hands-on practical scenarios overlaid by a flexible framework and methodology that is driven by and centered around your company requirements.

The curriculum is uniquely designed and has been iteratively developed based on lessons-learned from 1000s of students, taught by BlackHorse instructors with over 200 years of combined experience in the Department of Defense, Intelligence Community, and private sector. Some of our clients include Fortune1000 companies, universities and elite Special Operations units supporting countless missions and skill identifiers.

Certification

Students who successfully graduate from the course will be CASO certified. Once all certification requirements are met, students will receive a certificate with the following mark indicating that they are recognized as being proficient in the skills and methods acquired during the program.

CASO CERTIFIED

"The best and most intense 'cyber' training I've received from the military or private sector."

-- Special Forces Operator

"I learned more during CASO than I've learned in my previous 5 years of training."

-- Department of Homeland Security student

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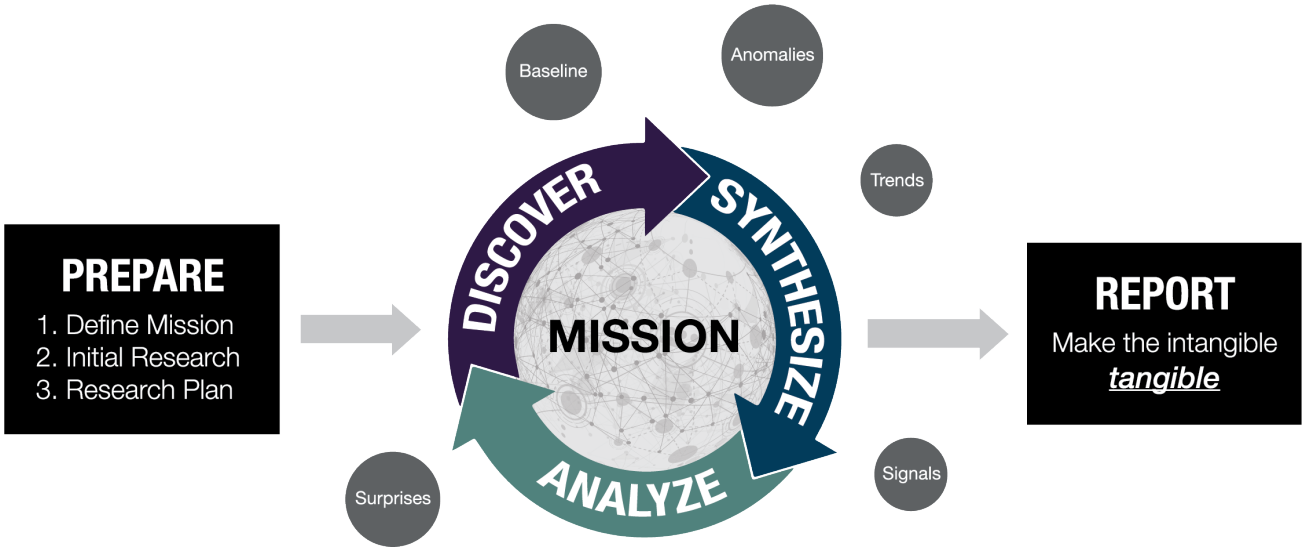
CASO Framework

CASO teaches students an iterative discovery, assessment, and analysis framework that can be applied with the use of various tools and methods to make sense of open source data. Our cutting-edge best practices have proven success in facilitating creative problem solving, reducing research cycle times, and honing analytical skills to see what others can't see. We instruct the same framework throughout every course regardless of areas of interest or the utilization of open source, moderate, or expensive technologies and tools.



Skills Taught

Students will be equipped with the necessary skills to safely operate on the internet, such as PROTECTING IDENTITY and DIGITAL FOOTPRINT, while simultaneously establishing a new frame of reference for undertaking digital research. Students will leave the course with the ability to implement newly learned skills at their respective organizations, provide active support to organizational requirements, and produce more effective research deliverables that provide meaningful context and information for stakeholders.

CORE CURRICULUM - designed to address the challenges of today's dynamic data environments

Prepare:	Discover:	Analyze:	Synthesize:	Report:

• **4IR: Data Everywhere**
• **Privacy, Security & Cyber Hygiene**
  ○ Threat Modeling
  ○ Browser Hardening
  ○ Digital Hygiene
  ○ Risk Mitigation
• **The CASO Methodology**
• **Initial Research Methods**
• **Ethics**
	• **Digital Discovery**
	  ○ Data & Metadata
	  ○ Search & Google Dorking
	  ○ SEO & Keywords
	  ○ Social Media Search
	  ○ Automated Discovery
	• **Geo-Discovery**
	• **The Hidden Internet**
	  ○ Deep Web Research
	  ○ Dark Web Research
		• **Link Analysis**
		• **Social Network Analysis**
		• **Content Analysis**
		  ○ Digital Forensics
		  ○ Visual Framing
		  ○ Textual Analysis
		  ○ Bot Detection
		• **Behavioral Analysis**
		  ○ Communication Patterns
		  ○ Assessing Intent
			• **Synthesis Lab**
			  ○ Data Aggregation
			  ○ Logical Reasoning and Sensemaking
			  ○ Detecting and Managing Cognitive Bias
			  ○ Data Organization and Combination
			  ○ Reframing Prior Research
			  ○ Entities of Interest
				• **Communicating Insights**
				  ○ Developing Actionable Insights
				  ○ Data Visualization
				  ○ Research Artifacts and Deliverables
				  ○ Building & Communicating Data Narratives
				• **Workflow Integration**
				• **Open Research Challenge**