COSMO

Cyberspace Open-Source Methods and Operations

Course Overview

The ten-day intensive COSMO course is created to equip your students with the necessary skills and tools to understand the evolving digital domain in a manner that allows your organization to stay one step ahead in information dominance. PAI can reveal those trying to causes harm to your people, reputation, brand, assets, networks, and supply chains.

COSMO is Parsons TOG's suite of training solutions focused on instructing commercial best practices to understand and exploit the publicly available information (PAI) domain through advanced and safe research techniques.

Held online or in-person, students are immersed in a secure digital research environment that enforces iterative assessment of their DIGITAL FOOTPRINT, and where they safely discover, synthesize, and analyze PAI data and metadata to report actionable insights to leaders and stakeholders.

Product Quick Stats:

- Ten-day intensive certification course in OSINT/PAI investigative methods to discover, synthesize, and analyze open-source data to support any goal.
- Students apply critical thinking processes to translate findings into mission outcomes.
- Train at the speed of technology - learn with real-time and relevant data, with integration of custom research requirements as needed.
- Integration of both publicly available and commercial toolsets that enhance skills-based research techniques.
- Available as a scheduled training iteration online for customers, or as a dedicated course for your organization, anywhere.
- TOG Instructors bring 200+ years combined experience and have trained more than 3000 graduates in recent years.

Certification

COSMO instructors combine interactive, verbal instruction, and curated practical scenarios which students must master and apply to multiple course research deliverables. Once all requirements are met and final capstone briefed, students will receive a certificate with our designated mark indicating that they are recognized as being highly proficient in the Open-Source Intelligence (OSINT) & PAI research skills and methods acquired during the course.

"The best open-source research training to support real world operations."

- Foreign Research Defense Group

"COSMO is one of the best training received within our organization in years."

- Signal Directorate Manager

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Skills Taught

Prepare	Discover	Synthesize	Analyze	Report

• The COSMO Framework
• Legal Considerations in PAI Research
• Online Attribution
  • Browser Hardening
  • Digital Hygiene
  • Risk Mitigation
• Research Planning & Methods
• Keyword Creation & Considerations
	• Advanced Search
	  • Data & Metadata
	  • Search & Google Dorking
	  • Social Media Search
	  • Automated Discovery
	• Geo-Discovery and Analysis
	• Intro to the Deep and Dark Web
	• AI Discovery and Human validation
		• Review and Reorganization of Found Data
		• Synthesis Lab
		  • Data Aggregation
		  • Logical Reasoning and Sensemaking
		  • Detecting and Managing Cognitive Bias
		  • Reframing Prior Research
		  • Entities of Interest
			• Link Analysis
			• Website Enumeration
			• Content Analysis
			  • Digital Forensics
			  • Bot Detection
			  • Propaganda & Influence
			  • State-Level Behaviors
			• Behavioral Analysis
			  • Online Communication Patterns
				• Workflow Integration
				• Customer Provided Formatting Option
				• Open Research Challenge(s) Production and Briefings

Delivery

Parsons TOG offers training online, in person at our facilities in Herndon, VA, and Fayetteville, NC, or on-site through mobile training teams. Our secure virtual platform uses US Government–approved, Tier C–compliant encrypted Office 365 solutions that meet ISO, SOC, HIPAA, and FERPA standards and enforce multi-factor authentication. Our security-cleared instructors can train in any environment that meets required standards, ensuring compliance with your operational security requirements.

Distance Virtual Learning

The TOG training platform enforces multi-factor authentication and industry best practice information assurance controls while enabling powerful training programs to operate with only an adequate internet connection and student computer.

Missions and Skills Supported

TOG instructors are specially trained and have combined experience analyzing PAI in private sectors. Our clients include corporations, universities, and Non-US clients supporting diverse mission and problem sets.

- PAI & Open-Source Data
- Civil Affairs
- Counter-Threat Finance
- Adversarial Assessment
- Digital Communications
- Asset Protection
- Information Operations
- Adversary Deception
- Operational Security
- Preparation of the Digital environment
- Public Affairs
- Market Focus
- Market Threat Analysis
- Reputational Assessment

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More Info and Enrollment!

We offer various options to create a contracted, dedicated course to meet your organization's operational requirements. For contracted training and price quotes please send all inquiries to:

TOGTraining.parsons@parsons.us

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