

Introduction to the Cyber Security Forum Initiative (CSFI)

Pioneering Cyber Warfare Operations Training, Education, and Certification

UNCLASSIFIED



Disclaimer

The following information is presented from the private perspective of the Cyber Security Forum Initiative (CSFI) and its analysis of the named subject. The presentation does not represent any official endorsement of, nor does it speak for, any official US governmental agency.

About CSFI

- **640 Thousand** Cyber Security Members Globally
- **Non-Profit Organization** with Presence in Virginia and Washington DC and in the EU
- Specialized in Cyber warfare and **Cyberspace Operations Training and Education**
- Engaged in Many **Non-Profit Cyber Efforts**

Who We Are



Cyber Security Forum Initiative, Inc. (CSFI)
9401 Battle Street, Suite 202 Manassas, VA 20110, USA
www.csfi.us
CAGE CODE 8L7W1



Founder and Mission

- *"To provide Cyber Warfare awareness, guidance, and security solutions through collaboration, education, volunteer work, and training to assist the US Government, US Military, Commercial Interests, and International Partners."*



CSFI Pillars

**TRAINING &
EDUCATION**



**KNOWLEDGE
SHARING**



COLLABORATION



Core Capabilities and Training Programs

Empowering the Cyber Front

TRAINING:

Introduction to Cyber Warfare and Operations Design (**ICWOD**)

Defensive Cyberspace Operations Engineer (**DCOE**)

Cyber Target Development Analyst (**CTDA**)

Certified Collections Analyst (**CCA**) - Being Updated

Certified SOC Operations Professional (**CSOP**) - In Development

EDUCATION:

Cyber Threat Intelligence Course (16 weeks)

CONSULTING:

- Actionable business intelligence
- Qualified cyber security/intelligence/national security professionals
- Research guidance (Project development with a focus on crowdsourcing)
- Professional development (Career coaching)
- Social media empowerment (influence)
- Technology review (feedback and testimonials)
- Whitepaper/book review (feedback/testimonial)
- Relationship management (professional introductions)
- Requests for meetings

Knowledge Sharing and Collaboration

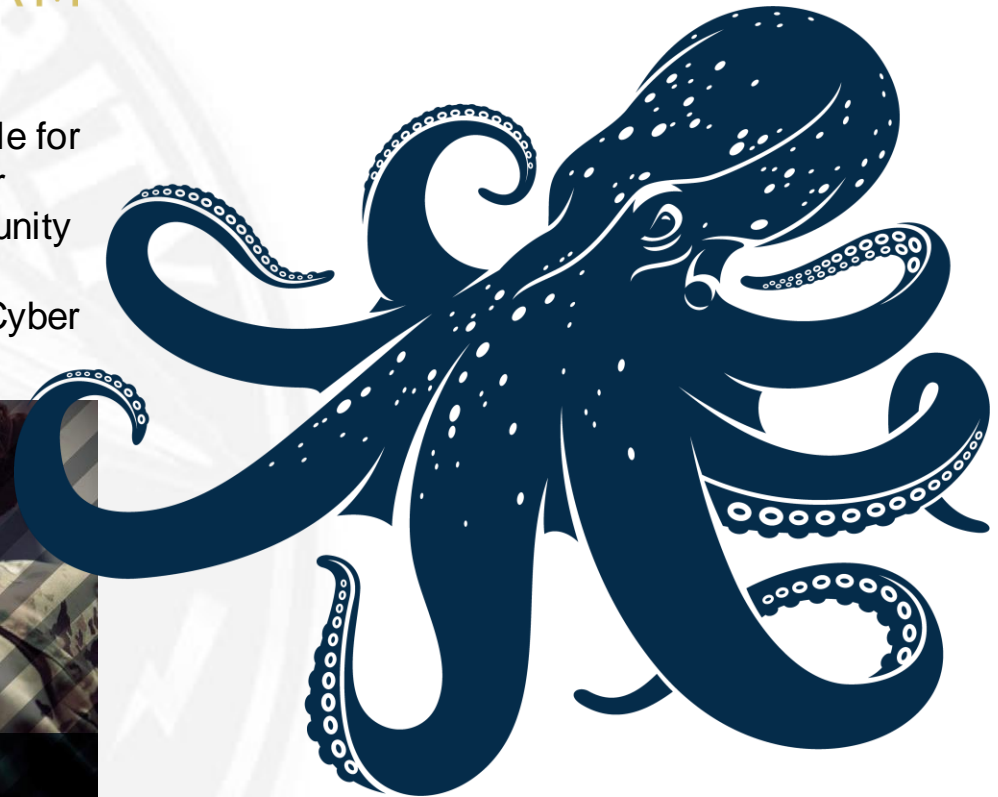


CSFI CTI REPORTING TEAM

The **CSFI CTI Reporting Team** is responsible for producing high-quality reports supporting our non-profit mission, contributing to our community driven approach, and fostering a significant increase in participation across all areas of Cyber Threat Intelligence (CTI).



**ACTIONABLE CYBER INTELLIGENCE
JOIN OUR TEAM TODAY!**



US Agencies to Turn Toward ‘skill-based hiring’ for Cyber Jobs

Hands-On Knowledge Is at the Core of It All – **BE TRULY OPERATIONAL!**



National Cyber Director Harry Coker

- US Gov and contractors to embrace **skill-based hiring**
- Larger shift toward skill-based hiring in tech and cyber
- More than just degrees or years of experience
- CSFI's **non-profit hands-on programs** and cyberspace operations **training support** and **enable** Director's Coker's cyber workforce vision for the nation!



Lab Validation Team



JOIN OUR CSFI LAB VALIDATION TEAM



KEY COMPONENTS:

1. **Computer Lab Validation and Documentation:**

The program conducts rigorous verification and documentation of computer labs to ensure compliance with the latest standards and practices. This scrutiny covers all systems, software, and hardware to ensure optimal performance and reliability.

2. **Polishing and Developing Tutorials:**

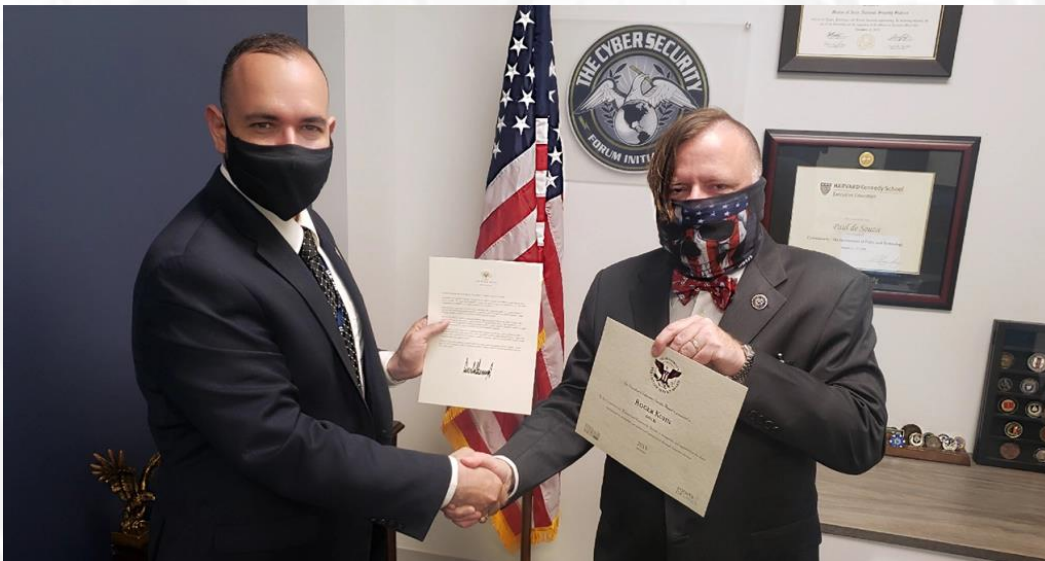
A significant part of the program involves refining existing tutorials and developing new ones. These learning resources help users understand the intricacies of the labs and maximize the resources at their disposal.

3. **Work with Virtual Machines (VMs):**

The program includes extensive work with VMs, tools crucial for emulating diverse systems and environments. This aspect allows the validation of unique cyberspace operations labs, enabling simulation of various cyber threat scenarios in a secure environment.

The President's Volunteer Service Award

Cyber Security Forum Initiative is a President's Volunteer Service Award Certifying Organization! The President's Volunteer Service Award is a civil award bestowed by the President of the United States. Qualified CSFI volunteers ****must be U.S. citizens or lawfully admitted permanent U.S. residents***



Roger Kuhn, a retired USCGR C5ISR Officer, was honored at The President's Volunteer Service Award ceremony, where he received the United States President's certificate and a letter, presented to him by Dr. Paul de Souza.

CSFI Organizes Cyber Events with American Allies



CSFI Organizes Cyber Events with American Allies

Enhancing Cybersecurity Through Cyber Threat Intelligence (CTI) Sharing



GRAND DUCHY OF LUXEMBOURG
Embassy in Washington



Leadership

CSFI Advisory Board Composition:

- 21 US Generals and Admirals
- 50+ Combined Stars from Generals and Admirals
- 17 US Colonels
- 4 Former US Agency Directors

CSFI LEADERSHIP (Advisory Board)



Maj. Gen. Linda Singh, USA (Ret.)
CSFI Advisory Director



Lt. Gen. John Toolan, USMC (Ret.)
CSFI Advisory Director



Lt. Gen. Mark Schissler, USAF (Ret.)
Former Deputy Chairman, NATO Military Committee CSFI Advisory Director



Lt. Gen. Robert Paul Ashley Jr., USA (Ret.)
Former Director, Defense Intelligence Agency Center, DOD Former Deputy Chief of Computer Network Operations, NSA CSFI Advisory Director



Lt. Gen. Michael Groen, USMC (Ret.)
Former Director, Joint Artificial Intelligence Center, DOD Former Deputy Chief of Computer Network Operations, NSA CSFI Advisory Director



Vice Adm. T. J. White, USN (Ret.)
Former Commander, United States Fleet Cyber Command / TENTH Fleet / Navy Space Command / Cyber National Mission Force / USCYBERCOM CSFI Advisory Director



Gen. Ronald E. Keys, USAF (Ret.)
Former Commander, Air Combat Command Former Deputy Chief of Staff, Air, Space Cyber Operations CSFI Advisory Director



Brig. Gen. Welton Chase Jr.
USA Commanding General, 7th Signal Command (Theater) CSFI Advisory Director



Brig. Gen. Vic Macias, USAF
Former Deputy Commander Cyber National Mission Force and USCYBERCOM Lead for Election Security Group 2022 CSFI Advisory Director



Maj. Gen. Joseph A. Brender, USA (Ret.)
Former Chief of Staff, US Cyber Command CSFI Advisory Director



Maj. Gen. Patricia Frost
USA Former Director of Cyber, Office of the Deputy Chief of Staff, G-3/57 CSFI Advisory Director



Maj. Gen. Lawrence L. Wells, USAF (Ret.)
Former Commander, 9th Air Force CSFI Advisory Director



Maj. Gen. Mark R. Quantock, USA (Ret.)
Former Director of Operations (G3), Army Cyber Command Former Director of Intelligence (J2), CENTCOM CSFI Advisory Director



Maj. Gen. Harold 'Punch' Moulton, USAF (Ret.)
CSFI Advisory Director



Maj. Gen. April Vogel (Ret.)
Former Director for the Office of Legislative Liaison, National Guard Bureau (NGB), Pentagon, CSFI Advisory Director



Lauren Knausenberger
Former United States Department of the Air Force Chief Information Officer - CIO SAIC CIO CSFI Advisory Director



Rear Adm. Paul Becker, USN (Ret.)
CSFI Advisory Director



Rear Adm. Norman R. Hayes, USN (Ret.)
Former Director of the Intelligence Headquarters, EUCOM (J-2) CSFI Advisory Director



Brig. Gen. Greg Touhill, USAF (Ret.)
CSFI Advisory Director



Brig. Gen. Guy Walsh, USAF (Ret.)
CSFI Advisory Director



Dr. David Mussington
Former Executive Assistant Director for Infrastructure at CISA CSFI Advisory Director



Col. Jeffrey A. Sorrel, USAF
CSFI Advisory Director



Col. Jen Sovada, USAF (Ret.)
CSFI Advisory Director



Col. Chris Stanman, USA (Ret.)
CSFI Advisory Director



Col. David Pendall, USA (Ret.)
CSFI Advisory Director



Col. Darlene (Dee) M. Straub
USA Chief of Defense Cyber Operations, DISA CSFI Advisory Director



Col. Riley Repko, USAFR (Ret.)
CSFI Advisory Director



Elen E. McCarthy
Former Assistant Secretary, Bureau of Intelligence and Research (IR) Former Director of Intelligence Operations, Strategy, and Policy for the United States Coast Guard (USCG) Former Chief Operating Officer of the National Geospatial-Intelligence Agency CSFI Advisory Director

CSFI LEADERSHIP (Advisory Board)



Sean Planky

Former National Security Council (NSC) Director for Maritime and Pacific Cybersecurity Policy - White House Director of Cyber Missions, DataRobot CSFI Advisory Director



Col. Rizwan Ali, USAF (Ret.)

CSFI Advisory Director



Col. Greg Brazzile, USMC (Ret.)

CSFI Advisory Director



Col. Marshall "Hooker" Denney, USMC (Ret.)

CSFI Advisory Director



Col. Robert A. Morris, USAF (Ret.)

CSFI Advisory Director



Col. Jeff Guimarin, USAF

CSFI Advisory Director



Col. Gary Corn, USA (Ret.)

CSFI Advisory Director



Laura Nelson

President, and Chief Executive Officer of the National Cryptologic Foundation on Former Chief, Enterprise Discovery Operations at the National Security Agency (NSA) CSFI Advisory Director



Craig Hansen

Vice President, Sales at BlackBerry | Cylance CSFI Advisory Director



Scott Stalker

Master Gunnery Sergeant (MSG) Sgt. Scott H. Stalker is the Command Senior Enlisted Leader (CSEL) of United States Space Command. He has served as the Command Senior Enlisted Leader for the National Security Agency (NSA), Defense Intelligence Agency (DIA), and United States Cyber Command (USCYBERCOM) CSFI Advisory Director



John Felker

Assistant Director for Integrated Operations, Cybersecurity and Infrastructure Security Agency (CISA) CSFI Advisory Director



Lisa Schlosser

Former Deputy Federal Chief Information Officer, Office of Management and Budget, Executive Office of the President CSFI Advisory Director



Vishal Amin

Head of Security Solutions for Microsoft Federal Presidential Scholar Former Special Operations Officer, and F-16B Hornet Pilot, USMC CSFI Advisory Director



LtCol. Pete Schiefelbein, USMC (Ret.)

Matne Communication Officer CSFI Advisory Director



Mark Kelton

Former Deputy Director of the National Classification Service for Court and Intelligence (DNCS CI) - CIA, Adjunct Assistant Professor in the Security Studies Program of the Edmund A. Walsh School of Foreign Service, Georgetown University



Mr. Roger W. Kuhn, Jr.

Former Science Advisor, Naval Network Warfare Center and, Former Science Advisor, Fleet Cyber Command/Commander, 10th Fleet, Former Science Advisor, Navy Expeditionary Central Command, Office of Naval Research (ONR), Adjunct Professor, Cybersecurity Strategy & Information Management, George Washington University, Retired CACSR Officer, LCDR, USCGR CSFI Advisory Director CSFI Education Fellow



Nathaniel Wade

USMC Col Seth M. Wade, DCS MFE/A CSFI Advisory Director



Roberta G. (Bobbie) Stempfley

Director, CERT Division on the Software Engineering Institute as part of Carnegie Mellon University. In addition to her day to day and deputy assist to the chief of Office of Cyber Security and Communications, Department of Homeland Security, CSFI Advisory Director



Brett J. Feddersen

President at Accel@LUM, Former Senior National Security Executive with the National Security Council, the Department of Defense, most recently with the Federal Aviation Administration (FAA), and Adjunct Professor of Homeland and Cyber Security at Long Island University CSFI Advisory Director



Nicholas Andersen

CSFI Advisory Director Principal Deputy Assistant Secretary Office of Cybersecurity, Energy Security, and Emergency Response at U.S. Department of Energy (DOE) Former Federal Cybersecurity Lead and Senior Cybersecurity Advisor for the Executive Office of the President, The White House



Glenn Gerstell

Former General Counsel of the National Security Agency (NSA), Senior Advisor at the Center for Strategic and International Studies (CSIS), Recipient of the National Intelligence Distinguished Service Medal, the Secretary of Defense Medal for Exceptional Civilian Service, and the NSA Distinguished Civilian Service Medal CSFI Advisory Director



Col. Riley Repko, USAFR (Ret.)

Former Strategic Adviser to the Air Force Secretary and Chief of Staff on innovation and modernization CSFI Advisory Director



Trent Teyema

Former FBI Special Agent, Cyber Division's Chief Operating Officer (COO) CSFI Advisory Director



Ms. Darc King

Vice President at Babel Street, Former Senior Intelligence Service Officer at the CIA CSFI Advisory Director



Cynthia Strand

Former Senior Program Advisor and Former Deputy Director, Office of the Chief Scientist at the CIA, Senior Fellow at In-Q-Tel CSFI Advisory Director



Brian Hack

Former Deputy Chief Information Officer (CIO) and Deputy Director of Information Technology Enterprise (ITE) at the Central Intelligence Agency (CIA) CSFI Advisory Director



John Lewis

Former Deputy Director and Chief Technology Officer of the CIA Federal Laboratory CSFI Advisory Director



Sean P. Roche

Former Associate Deputy Director of the OIA for Digital Innovation CSFI Advisory Director

Introduction to Cyber Warfare and Operations Design (ICWOD)



USMC Lt Gen. (Ret.) Michael Groen

Former Director of the Joint Artificial Intelligence Center, DOD, former Deputy Chief of Computer Network Operations of the National Security Agency (NSA)
CSFI Advisory Director

USMC Lt Gen. (Ret.) Michael Groen is a CSFI training quality assurance reviewer and validator

TESTIMONIAL:

“ARE YOU ON THE RIGHT COURSE? Check out CSFI's Operations Design course that puts Cyber Operations (DCO, OCO) into a contingency context. Thought-provoking content.”



Introduction to Cyber Warfare and Operations Design (ICWOD)

Introduction to Cyber Warfare and Operations Design (ICWOD)

*Learn the core set of skills needed to **design and plan for cyberspace operations** at all levels of the planning spectrum.*

This course provides a basic understanding of full-spectrum cyberspace operations; the complexities of the cyberspace environment; and planning, organizing, and integrating cyber ops. The course consists of presentations and exercises that teach students how to design a cyberspace operations plan and bring it to fruition. Presented with an international conflict scenario, students are guided through a series of cascading exercises for conceptual, functional, and detailed planning. Following the design concept for problem framing students utilize the commander's intent to plan toward the desired end state. In the course conclusion, students will have an appreciation for the planning process and have a fundamental understanding of how to plan for cyberspace operations.

PRICING: \$1,795.00/per student - special group discounts may apply.

LEARN HOW TO PLAN FOR CYBERWARFARE USING AMERICAN MILITARY DOCTRINE



This course is endorsed by Capitol Technology University (CTU), a designated National Security Agency (NSA) Center of Excellence.



Mark Kelton

CSFI Advisory Director

Former Deputy Director of the National Clandestine Service for Counterintelligence (DDNCS/CI) - CIA

"The Cyber Security Forum Initiative (CSFI) is unique in its mission of maintaining and furthering those advantages by fostering Cyber awareness and collaboration among the U.S. government, military and commercial sectors, as well as with international partners."

Defensive Cyberspace Operations Engineer (DCOE)

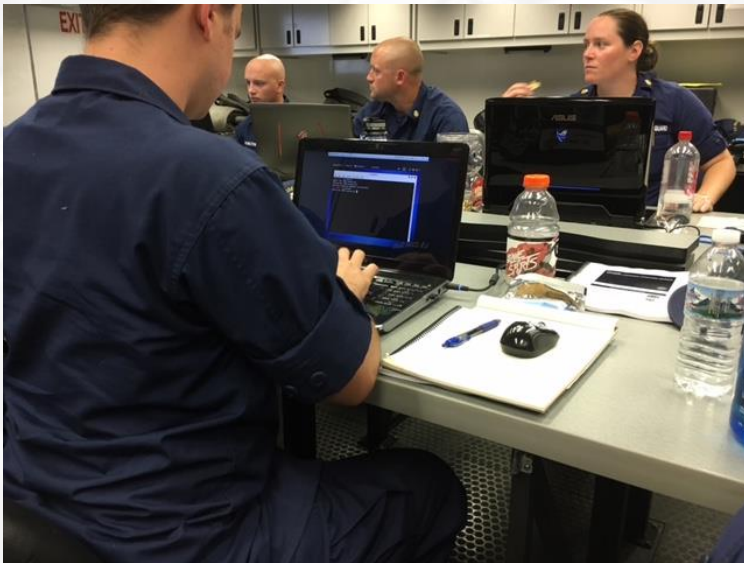


CSFI-DCOE

Develop your cyberspace operations skills for the deployment of network operations (**NETOPS**), defensive cyberspace operations (**DCO**), and offensive cyberspace operations (**OCO**).



This course is endorsed by Capitol Technology University (CTU), a designated National Security Agency (NSA) Center of Excellence.



US Coast Guard COMMCOM Becomes CSFI DCOE Certified



The United States Patent and Trademark Office (USPTO) Becomes DCOE Certified

Defensive Cyberspace Operations Engineer (DCOE)



USMC Lt Gen (Ret.) John Toolan
CSFI Advisory Director

"The reputation of this organization [CSFI], particularly in the area of cyber and the information environment is stellar."

- Proficiency in Defensive Cyberspace Operations (DCO) within organizational frameworks.
- Develop your cyberspace operations skills for the deployment of network operations (NETOPS), defensive cyberspace operations (DCO, DCO-IDM, DCO-RA), and offensive cyberspace operations (OCO).
- Curriculum focuses on **adversarial Tactics, Techniques, and Procedures** (TTPs), aligned with the cyber kill chain.
- **Hands-on labs** for executing and analyzing live attacks, learning prevention, detection, and response.
- Pathway to certification in DCOE, **enhancing mission readiness** and career prospects. Compliant with the National Initiative for Cybersecurity Education (NICE) framework.
- **Developed by military cyberspace operations experts** from the Cyber Security Forum Initiative (CSFI), emphasizing data integrity, network security, and protection of mission-critical systems.
- **CSFI supports U.S. national security in cyberspace**, offering training to U.S. entities, foreign allies, and partners for interoperability and collective security.

Certified Collections Analyst (CCA)



This course **provides a basic understanding of collection operations to support organizational missions, decision-making**, and posturing organizations to discover and defend against cyber security threats. Emphasis is placed on collection methodologies, information sharing, collaboration, and tailoring of intelligence products. **The course consists of presentations, exercises, and virtual network activities.** At the conclusion of the course you will have a fundamental understanding of how to conduct collection operations, enable collections to support cyber security efforts, and use collection activities to support decision making within organizational tiers.

COURSE OUTLINE:

- Intelligence and Collections
- Public Collection
- Collection Analysis
- Product Development
- Intelligence Requirements
- Network Collection
- Network Collection Analysis
- Final Exercise Capstone (Hands-on Lab): Students will be presented with a scenario, which incorporates all previous instruction topics and exercises to develop a collections plan, cyber threat assessment, implement collection methods, and develop briefing products



Former Associate Deputy
Director of the CIA for Digital
Innovation

"In a world that competes for your time and attention CSFI is high payoff."

Cyber Target Development Analyst (CTDA)



The Cyber Target Development Analyst Certification Course is a vital connection between U.S. military **operational-level doctrine** and **tactical-level implementation for professionals in cyberspace operations** and cybersecurity, particularly those responsible for **targeting cyber assets**.



Harold "Punch" Moulton
Major General (ret.), USAF

"As a strategist for cyberspace, I rely on keen insights and focused information. I turn to CSFI daily."

COURSE OUTLINE:

- Understanding DOD Joint Targeting Principles and Philosophies
- Introduction to the Joint Targeting Cycle and Joint Tactics, Techniques, and Procedures for Intelligence Support to Targeting
- Integrating Cyber Effects into the Joint Targeting Cycle
- Phase 1 of Cyber Target Development - Cyber End State and Commander/Leaders' Cyber Objectives
- Phase 2 of Cyber Target Development - Cyber Target Development and Prioritization
- Phase 3 of Cyber Target Development - Cyber Capabilities Analysis
- Law of Armed Conflict and Rules of Engagement Considerations in Cyber Targeting
- Bringing It All Together to Successfully Develop a Cyber Target to DOD Joint Targeting Standards

Certified SOC Operations Professional (CSOP)



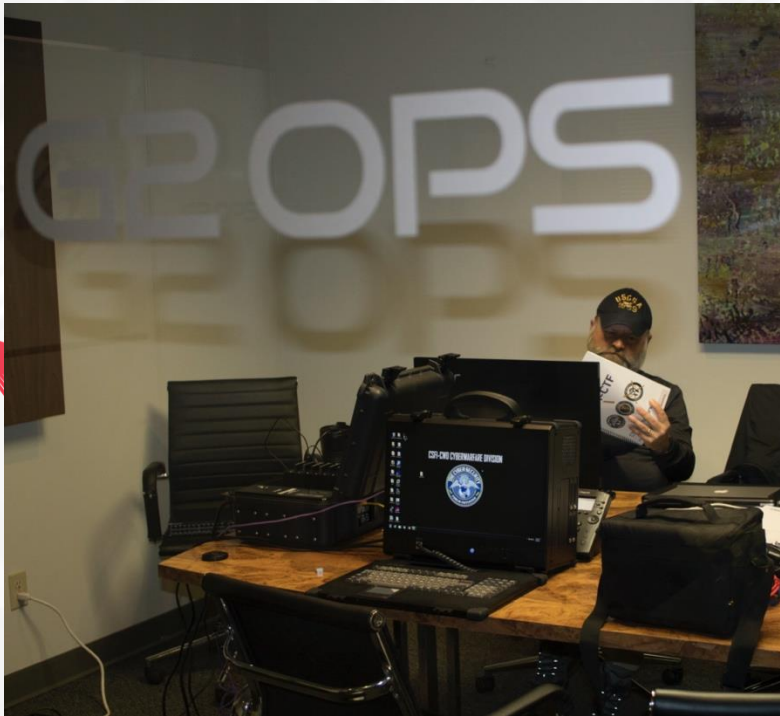
SOC Professionals should understand the existing defensive architecture. Assess the value of network assets to an adversary and tailor threat intelligence feeds effectively.

Training Modes

1- Face to Face training

2- Live-online

3- Remote asynchronous



Offices and Training Facilities

Quantico Office
Training Facility
1010 Corporate Drive
Stafford, VA 22554

Training Facility (Virginia Beach)
2829 Guardian Lane
Suite 150
Virginia Beach, VA 23452

Manassas Historic District Office
9401 Battle St.
Suite 202
Manassas, VA 20110



CSFI Clients

175th Wing – Air National Guard	MOD of Mexico
Bureau of Economic Analysis	MOD of Colombia
Computer Incident Response Center Luxembourg (CIRCL)	MOD of Uruguay
Defense Information Systems Agency (DISA)	MITRE Corporation
Department of Defense (DoD)	National Security Agency (NSA)
Department of Energy (DOE)	Nevada Gaming Commission
Drug Enforcement Administration (DEA)	North Atlantic Treaty Organization (NATO)
Federal Bureau of Investigation (FBI)	Office of Navy Intelligence (ONI)
Federal Police of Brazil	Royal Canadian Air Force
Federal Reserve	Science Applications International Corporation (SAIC)
Johnson & Johnson	Spanish Cyber Command
Joint Chiefs of Staff	US State Department
Lockheed Martin	Time Warner
Marathon	United States Air Force
Ministry of Defense (MOD) of Argentina	United States Army
MOD of Brazil	United States Coast Guard
MOD of Portugal	United States Marine Corps
	United States Navy
	United States Nuclear Regulatory Commission
	United States Patent and Trademark Office
	University of California Los Angeles (UCLA) Health
	VISA



CSFI TRAINED MAWTS-1 (MARINE AVIATION WEAPONS AND TACTICS SQUADRON ONE)



CSFI Clients



Brazilian Cyber Command

Cyber Security Forum Initiative (CSFI) - 2025. All rights reserved.

CSFI Clients



Spanish Cyber Command - JOINT CYBERSPACE COMMAND (MCCE)



CSFI Gold Sponsorship

CSFI Fellowships and Board Positions



 **Microsoft Federal
CSFI FELLOWS**

Supporting the American Warfighter in Cyberspace



Become a CSFI Gold Sponsor!
Email contact@csfi.us for details.



 **Microsoft Federal
CSFI GOLD SPONSOR**

Supporting the American Warfighter in Cyberspace



CSFI Sponsors



Future Objectives

- Expand our training portfolio strategically.
- Secure status as a mandated DoD cyberspace operations certification.
- Enlarge our cyber community to achieve a one million membership milestone by 2026.
- Broaden the reach and impact of CSFI training within the EU and South America.
- Extend our cyber non-profit initiatives to benefit a wider American audience.
- Forge partnerships with additional CSFI Gold Sponsors.
- Establish more collaborative ventures with universities worldwide.
- Increase the cadre of CSFI Fellows to ensure a more comprehensive global representation.



QUESTIONS?

contact@csfi.us

WWW.CSFI.US