CENTER FOR DEVELOPMENT OF SECURITY EXCELLENCE (CDSE)

NOVEMBER 2023

DEFENSE COUNTERINTELLIGENCE AND SECURITY AGENCY

Curtis Cook
Cybersecurity Curriculum Manager

MISSION

Provide the DOD with a security center of excellence for the professionalization of the security community and be the premier provider of security education and training for the DOD and industry under the National Industrial Security Program (NISP). The CDSE provides development, delivery, and exchange of security knowledge to ensure a high-performing workforce capable of addressing our Nation's security challenges.

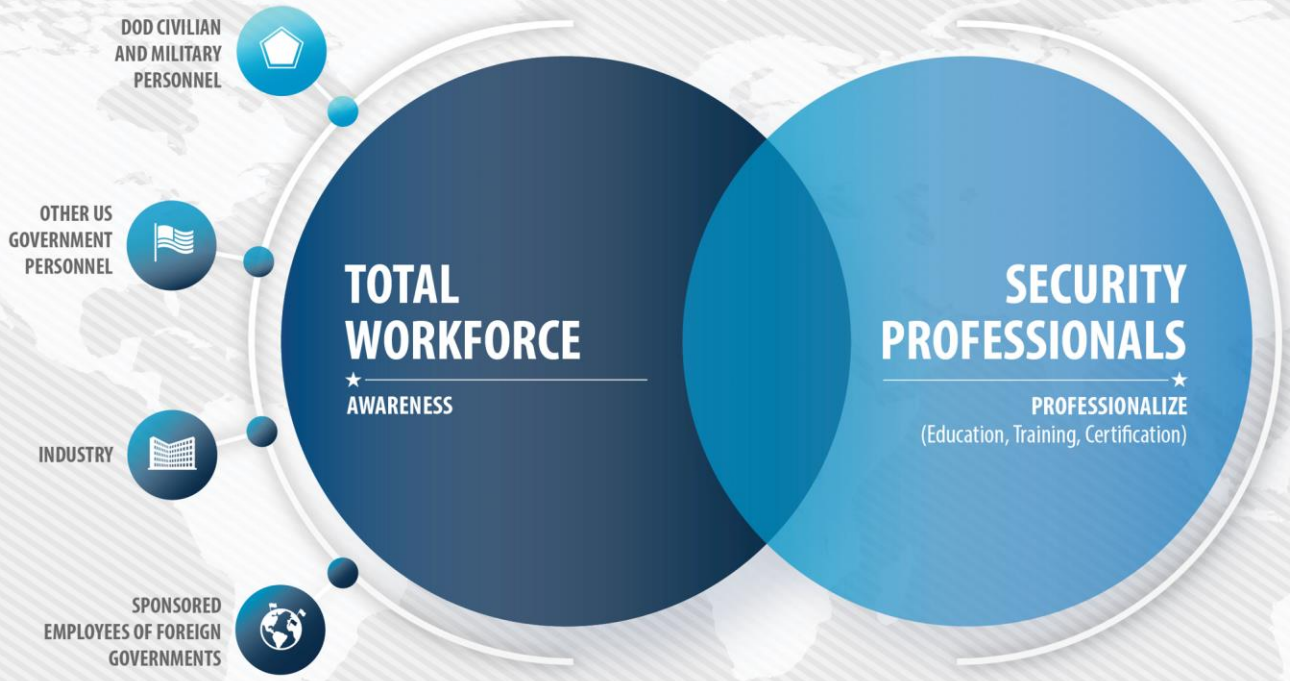
TRAINING
Supporting today's security professionals

EDUCATION
Developing future security leaders

CERTIFICATION
Validating security professional skills and competencies

AWARENESS
Promoting security awareness to the total workforce

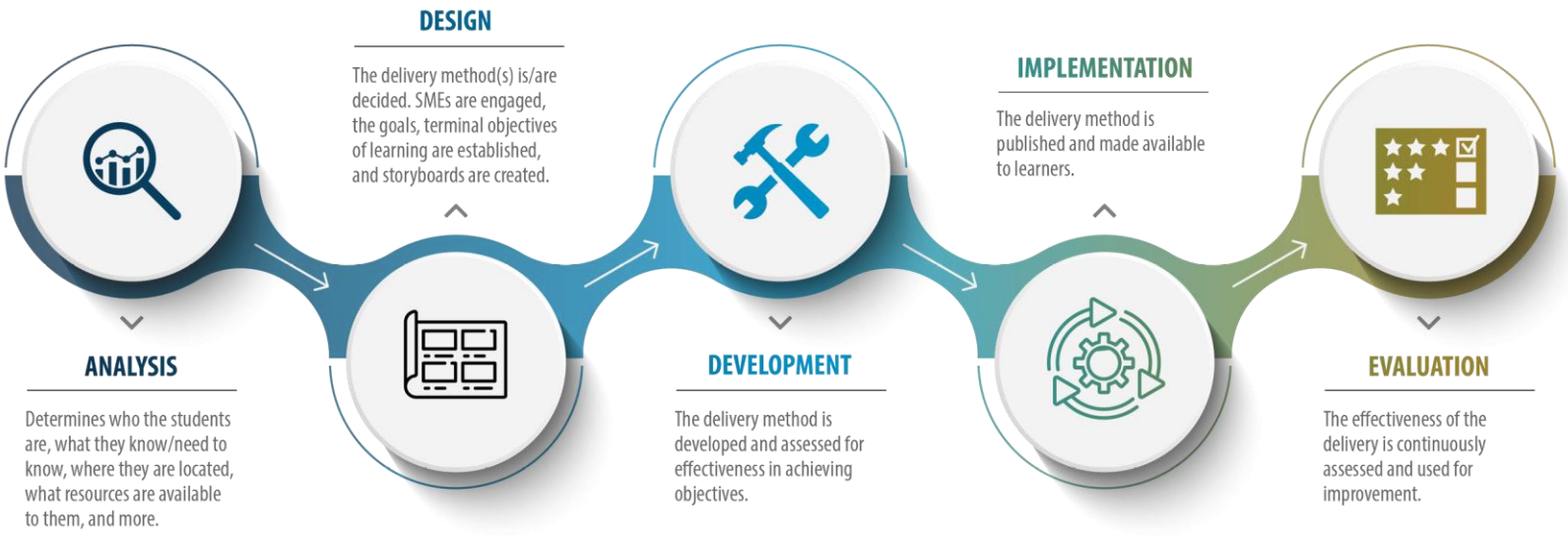
OUR AUDIENCE



DESIGN METHODOLOGY

DRIVERS:
Policy, events, analysis, and the Defense Security Skill Standards (DS3).

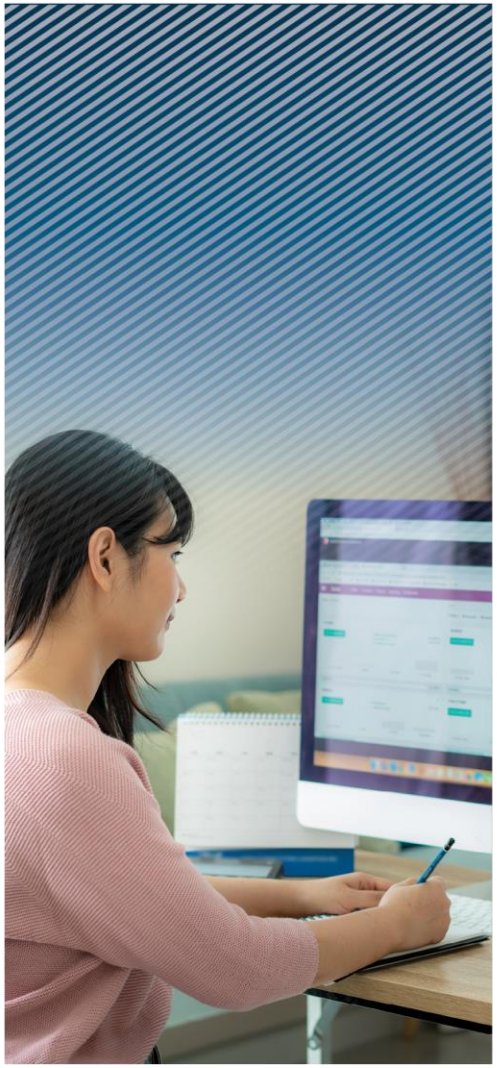
ADDIE is a five step, non-linear instructional design methodology CDSE uses to design and develop content for our Training and Education programs.



DELIVERY METHODS

Instructor-Led	Virtual Instructor-led	Job Aids	Shorts	Case Studies
eLearning	Toolkits	Webinars	Videos	Awareness Games

TRAINING



AUDIENCE

- DOD Workforce
- Security Specialists
- Security Assistants
- Other Federal Agencies Personnel
- Cleared Industry Personnel
- DCSA Consolidated Adjudication Services (CAS) Personnel
- DCSA Background Investigative Personnel
- DCSA Industrial Security Representatives
- DOD Personnel Security Specialists
- Facility Security Officers
- Information System Security Managers
- Insider Threat Practitioners
- Special Access Programs Personnel
- Critical Infrastructure Sector Personnel
- Sponsored Foreign Government Personnel

CONTENT AREAS

- Background Investigations
- General Security
- Industrial Security
- Information Security
- Insider Threat
- Personnel Vetting
- Physical Security
- Special Access Programs
- Counterintelligence
- Cybersecurity
- Operations Security

**Content areas in this section are awareness-level*

CDSE Cybersecurity Team Members

Curtis Cook
Cybersecurity Curriculum Manager

Evelyn Okoro
Cybersecurity Course Manager

Victor Adekoya
Cybersecurity Course Manager

Rodney Poindexter
Cybersecurity Instructional Designer

CDSE Training Cybersecurity Update FY23

- **Assessing Risk and Applying Security Controls to NISP Systems CS 301.01**
  - FY 23 Courses: December, March, June, and August.
  - Next FY 24 Course December 11-15, 2023 at CDSE

- **Risk Management Framework eLearning CS 100**
  - RMF Steps 1-6 CS 100 to conform to NIST-800-37 Rev2

- **Updated DISA courses on STEPP**
  - Using Mobile Devices in a DoD Environment DS-IA109.06
  - Phishing and Social Engineering: Virtual Communications Awareness Training DS-IA103.06
  - Cyber Awareness Challenge CAC DS-IA106.06
  - DISA Privilege User Responsibilities DS-IA112.06

CDSE Training Cybersecurity Update FY24

- **STEPP Courses Currently under Maintenance**
- Protected Distribution Systems CS140.16
- Technical Implementation of A&A in the NISP CS300.06
- Continuous Monitoring CS 200.16

- **Updated** – 24 Cyber Awareness Challenge CAC DS-IA106.06

- **CompTIA CPEs**
- https://www.comptia.org/docs/default-source/continuing-ed/cdse.pdf?sfvrsn=6ba3faf6_8

Cybersecurity – FY 24 Priorities

- CS 301 ILT to VILT
- eLearning
  - Maintenance
    - CS160.01 – Cybersecurity for Security Personnel
    - CS130.01 – Cyber Awareness
  - New
    - Android / Apple App Permissions short
    - Zero Trust
- Update Social Media Job Aids
- ISSP Course Training Needs Analysis (TNA)

CDSE Training ISSM Course

- https://www.cdse.edu/Training/Instructor-led/CS301/

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HOME > TRAINING > INSTRUCTOR-LED COURSES > ASSESSING RISK AND APPLYING SECURITY CONTROLS TO NISP SYSTEMS CS301.01

Assessing Risk and Applying Security Controls to NISP Systems CS301.01

Description: This course provides students with guidance on applying policies and standards used throughout the U.S. Government to protect information within computer systems, as delineated by the Risk Management Framework (RMF) process. This course will also provide a comprehensive understanding of contractor requirements under the National Industrial Security Program (NISP).

The course is administered through eLearning prerequisites and Instructor-led training.

Course Resources: N/A

Learning Objectives: This course is designed to teach participants how to:

- Develop and maintain a comprehensive risk assessment report based on an ongoing risk assessment of the system environment.
- Apply organizational resources to execute a robust information system (IS) security program in alignment with RMF requirements.
- Select, implement, and assess appropriate security controls that protect the IS based on the identified risk to the system.
- Implement and oversee procedures and measures for IS incident handling, response, and reporting.
  - Ensure insider threat awareness is addressed within the cleared contractor's IS programs.
  - Ensure user activity monitoring data is analyzed, stored, and protected in accordance with established policies and procedures.
- Develop and submit system security packages and supporting artifacts using the Enterprise Mission Assurance Support Service (eMASS), appropriately documenting and justifying all selected system controls.
  - Develop and maintain Plan of Action and Milestones (POA&Ms) in order to identify IS weaknesses, mitigating actions, resources, and timelines for corrective actions.
  - Submit the system security plan (SSP) and supporting artifacts to the Information Systems Security Professional (ISSP) using eMASS for the Authorizing Official's (AO) review and consideration.
- Implement continuous monitoring procedures and tools to identify and report system vulnerabilities, threats, and anomalies as necessary.
  - Collect and analyze audit records in accordance with the SSP.
  - Develop, maintain, and execute the Continuous Monitoring Strategy.

Delivery Method: Instructor-led

Length: 5 days

Target Audience: The target audience for this training includes Information System Security Managers (ISSMs), Information System Security Officers (ISSOs), and Facility Security Officers (FSOs) involved in the planning, management, and execution of security programs for cleared industry.

Number of Students per Course: N/A

Requirements:

CompTIA

Course Schedule

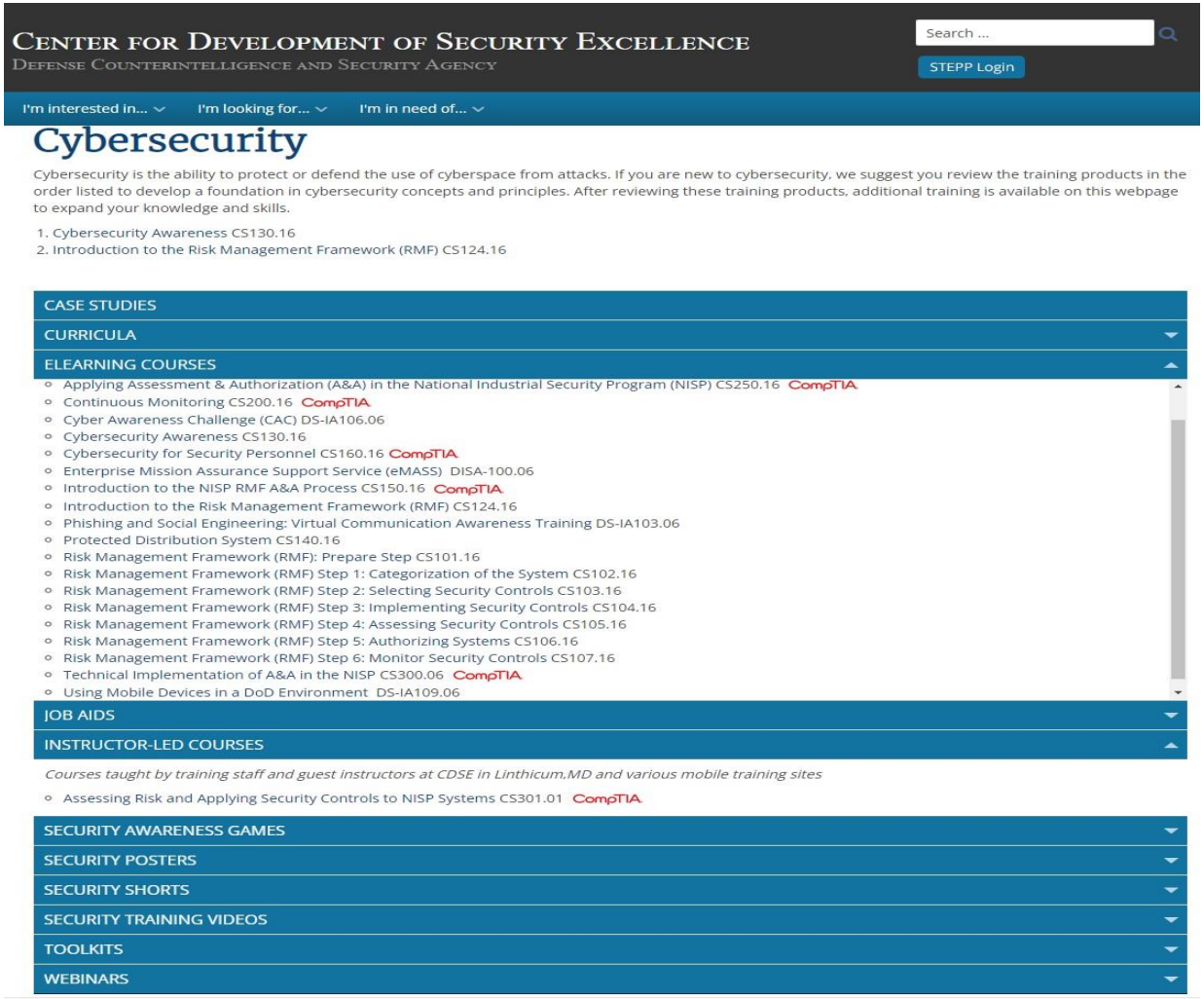
Aug 21-25, 2023 (Linthicum, MD)
Dec 11-15, 2023 (Linthicum, MD)
Mar 18-22, 2024 (Linthicum, MD)
Jun 24-28, 2024 (Linthicum, MD)
Sep 09-13, 2024 (Linthicum, MD)

Quick Links

Take this course
Technical support
Content related questions

CDSE Training Cybersecurity Website

- https://www.cdse.edu/Training/Cybersecurity/



Cybersecurity Catalog

- One Instructor-Led course
- 20 eLearning courses
- Two Curricula
- Two Toolkits
- Five Security Shorts
- 11 Job Aids
- 18 Webinars
- Three Security Training Videos
- Seven Security Awareness Games
- Three Interdisciplinary collaborations
- Case Studies
- 16 Cybersecurity Posters

Cybersecurity eLearning Courses

- Introduction to the NISP RMF A&A Process CS150.16
- Applying Assessment & Authorization (A&A) in the National Industrial Security Program (NISP) CS250.16
- Technical Implementation of A&A in the NISP CS300.06
- Continuous Monitoring CS200.16
- Protected Distribution System CS140.16
- Cybersecurity Awareness CS130.16
- Cybersecurity for Security Personnel CS160.16

Cybersecurity eLearning Courses

- Cyber Awareness Challenge (CAC) DS-IA106.06
- Enterprise Mission Assurance Support Service (eMASS) DISA-100.06
- Phishing and Social Engineering: Virtual Communication Awareness Training DS-IA103.06
- Privileged User Responsibilities DS-IA112.06
- Using Mobile Devices in a DoD Environment DS-IA109.06
- Introduction to the Risk Management Framework (RMF) CS124.16
- Risk Management Framework (RMF): Prepare Step CS101.16
- Risk Management Framework (RMF) Categorization of the System CS102.16
- Risk Management Framework (RMF) Selecting Security Controls CS103.16
- Risk Management Framework (RMF) Implementing Security Controls CS104.16
- Risk Management Framework (RMF) Assessing Security Controls CS105.16
- Risk Management Framework (RMF) Authorizing Systems CS106.16
- Risk Management Framework (RMF) Monitor Security Controls CS107.16

Cybersecurity Security Shorts

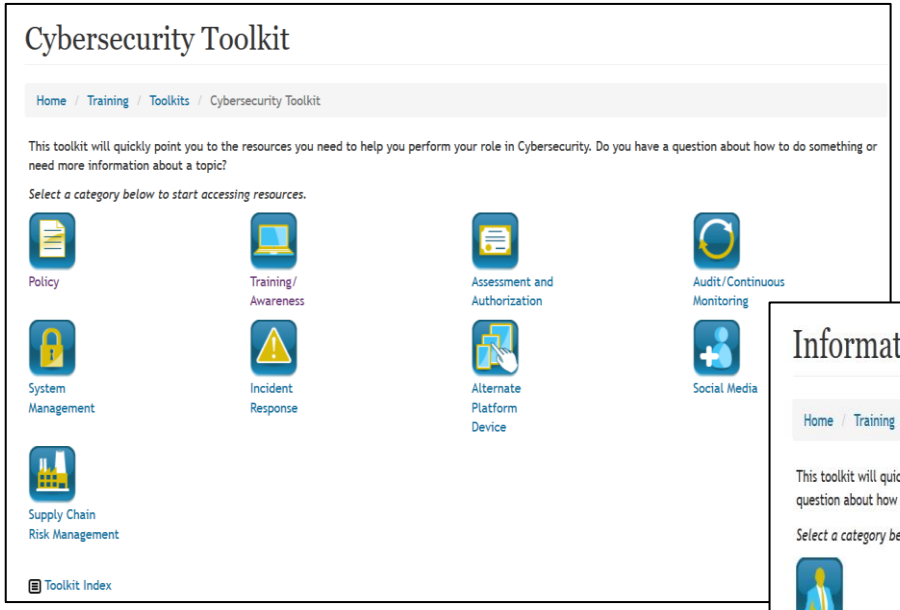
- Assured File Transfer
- Data Spills
- Cybersecurity Attacks: The Insider Threat
- Cybersecurity: Incident Response
- Cybersecurity and the Use of New Personal Devices

18 On Demand Webinars

- Assessment and Remediation using the SCAP Tool
- Best Practices and Vulnerabilities for Privileged Accounts
- Common Scams and Frauds
- Developing an Incident Response Capability
- Greater Security in Seven Days
- Information Security Continuous Monitoring
- Cybersecurity and Teleworking: Concerns, Challenges, and Practical Solutions – Part 1
- Cybersecurity and Teleworking: Concerns, Challenges, and Practical Solutions – Part 2
- Preventing and Recovering from Ransomware
- Secure Communication for an Insecure World
- Secure Configuration for Hardware and Software
- Creating a Workplace Culture of Cybersecurity
- Top 20 Critical Security Controls
- Your Evolving Digital Life
- Your Fridge May be Spying On You: Securing the Internet of Things
- Know Your CDSE – Cybersecurity
- Cloud Computing
- Cybersecurity and Teleworking: Concerns, Challenges, and Practical Solutions – Part 3 (Collaboration Tools)

Toolkits

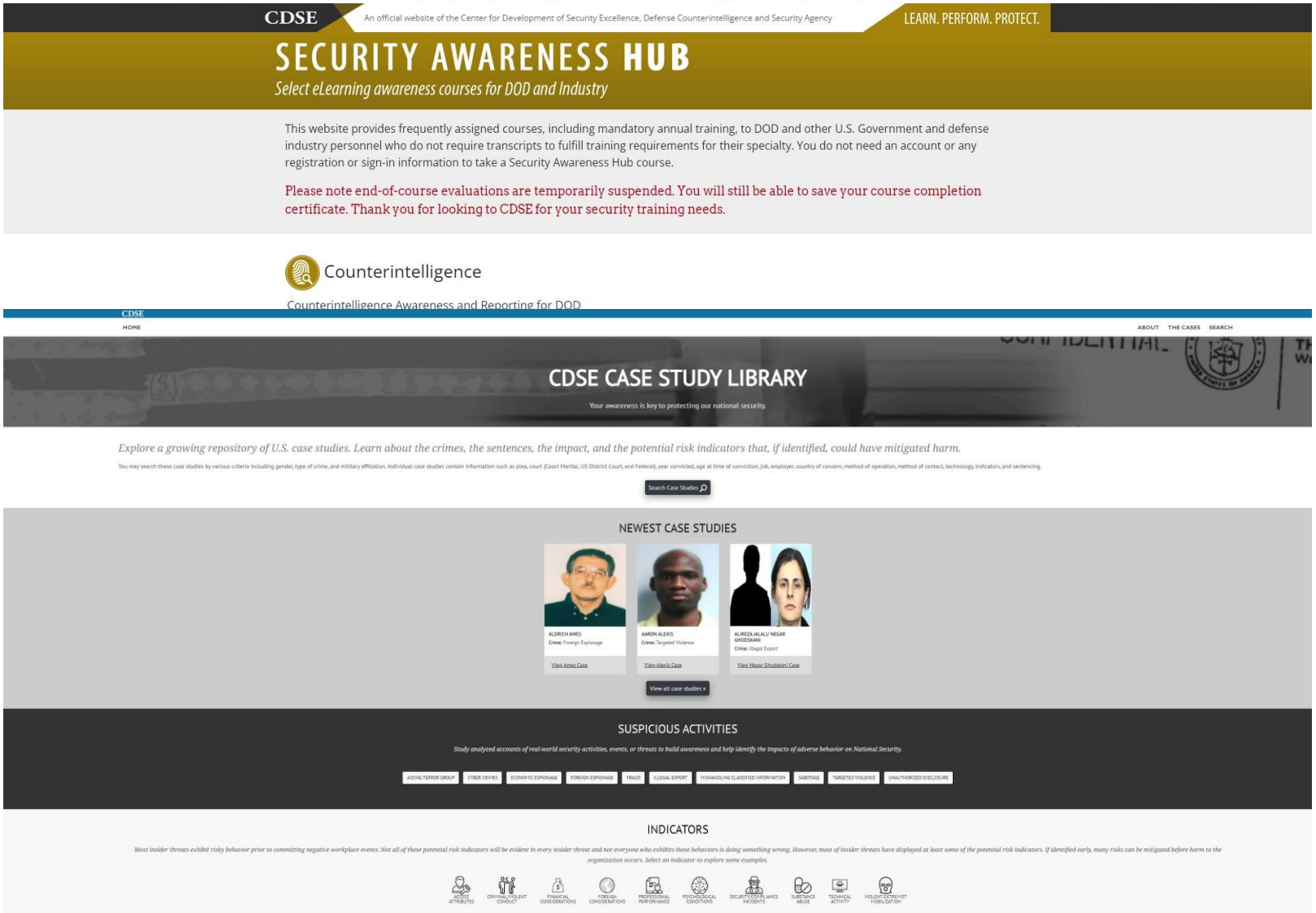
Two Toolkits commonly accessed by DOD & Industry:



Cybersecurity Instruction in CDSE Security Discipline Products

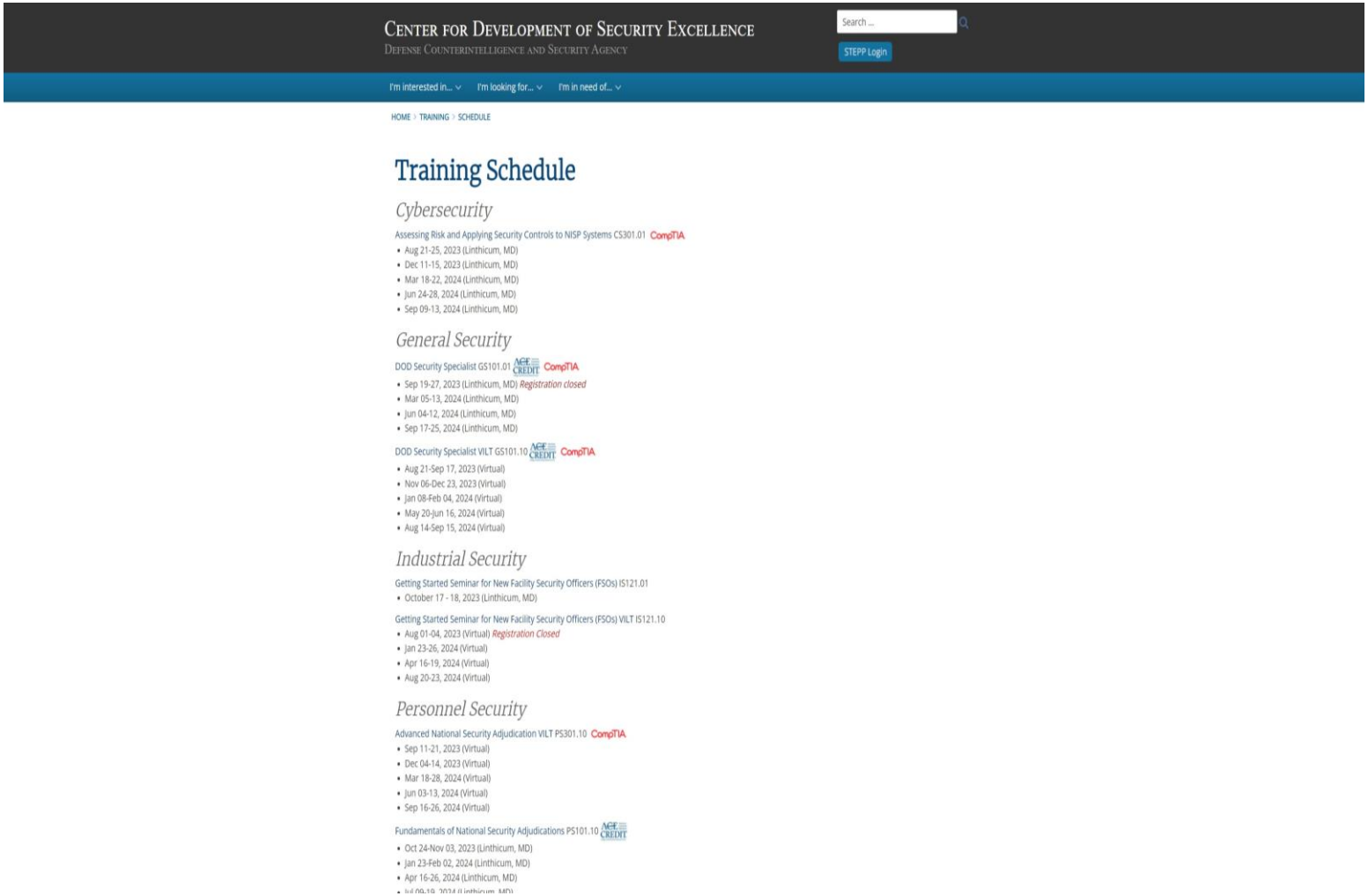
- DOD Security Specialist Course (DOD SSC) 2-hour block of instruction for 0080 Security Specialists
- Special Access Programs (SAPs) Mid-Level Course 2-hour block of instruction covering SAP Cybersecurity principles
- Insider Threat Sentry App for Android / Apple devices that include Cyber focused videos and other content

Security Awareness Hub / Case Studies



CDSE Instructor-Led Schedule

- https://www.cdse.edu/Training/Schedule/



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HOME > TRAINING > SCHEDULE

Training Schedule

Cybersecurity

Assessing Risk and Applying Security Controls to NISP Systems CS301.01 CompTIA
- Aug 21-25, 2023 (Linthicum, MD)
- Dec 11-15, 2023 (Linthicum, MD)
- Mar 18-22, 2024 (Linthicum, MD)
- Jun 24-28, 2024 (Linthicum, MD)
- Sep 09-13, 2024 (Linthicum, MD)

General Security

DOD Security Specialist GS101.01 ACE CREDIT CompTIA
- Sep 19-27, 2023 (Linthicum, MD) *Registration closed*
- Mar 05-13, 2024 (Linthicum, MD)
- Jun 04-12, 2024 (Linthicum, MD)
- Sep 17-25, 2024 (Linthicum, MD)

DOD Security Specialist VILT GS101.10 ACE CREDIT CompTIA
- Aug 21-Sep 17, 2023 (Virtual)
- Nov 06-Dec 23, 2023 (Virtual)
- Jan 08-Feb 04, 2024 (Virtual)
- May 20-Jun 16, 2024 (Virtual)
- Aug 14-Sep 15, 2024 (Virtual)

Industrial Security

Getting Started Seminar for New Facility Security Officers (FSOs) IS121.01
- October 17 - 18, 2023 (Linthicum, MD)

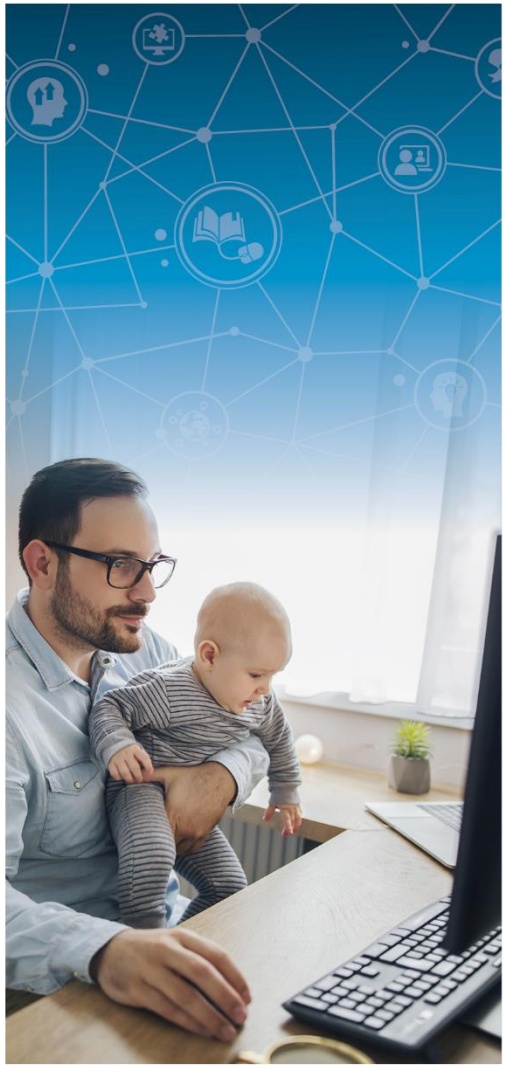
Getting Started Seminar for New Facility Security Officers (FSOs) VILT IS121.10
- Aug 01-04, 2023 (Virtual) *Registration Closed*
- Jan 23-26, 2024 (Virtual)
- Apr 16-19, 2024 (Virtual)
- Aug 20-23, 2024 (Virtual)

Personnel Security

Advanced National Security Adjudication VILT PS301.10 CompTIA
- Sep 11-21, 2023 (Virtual)
- Dec 04-14, 2023 (Virtual)
- Mar 18-28, 2024 (Virtual)
- Jun 03-13, 2024 (Virtual)
- Sep 16-26, 2024 (Virtual)

Fundamentals of National Security Adjudications PS101.10 ACE CREDIT
- Oct 24-Nov 03, 2023 (Linthicum, MD)
- Jan 23-Feb 02, 2024 (Linthicum, MD)
- Apr 16-26, 2024 (Linthicum, MD)

CDSE Instructor-Led Schedule



AUDIENCE

U.S. Government civilian and military personnel

18 COLLEGIATE-LEVEL COURSES

Advanced Education courses to broaden understanding of security programs, operations, and policy development

Delivered as Virtual Instructor-led

Highly qualified professors

Students can transfer credits to participating universities and institutions

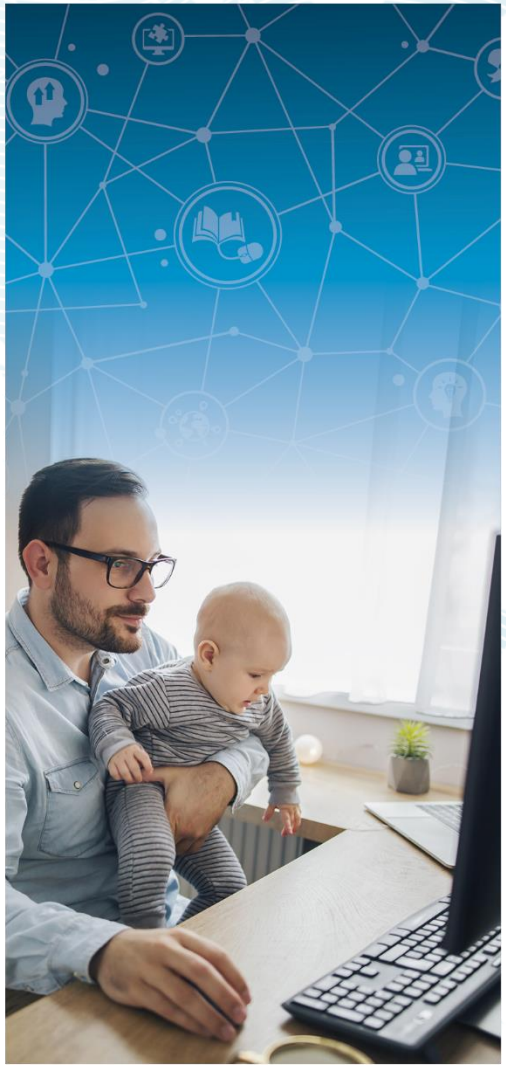
CONTENT AREAS

Five Concentrations:

- Risk Management
- Security Leadership
- Security Management
- Security (Generalist)
- Systems and Operations

Attained by successful completion of four Education courses

EDUCATION



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CERTIFICATION

AUDIENCE | DOD Security practitioners, military, and contractors assigned to a DOD security function

CORE CERTIFICATIONS

- Security Fundamentals Professional Certification
- Security Asset Protection Professional Certification
- Security Program Integration Professional Certification

SPECIALTY CERTIFICATIONS AND CREDENTIALS

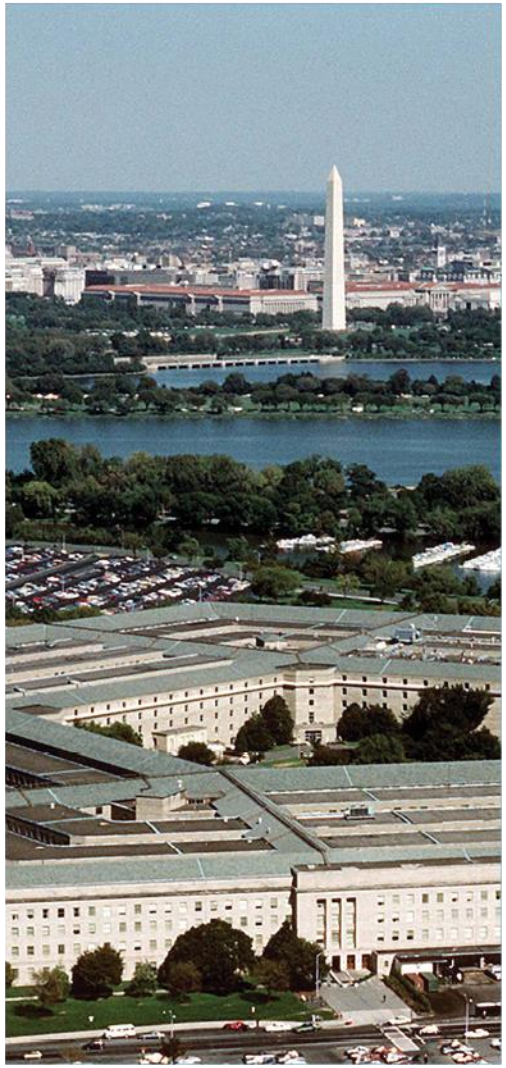
- Physical Security Certification
- Industrial Security Oversight Certification
- Adjudicator Professional Certification
- Due Process Adjudicator Professional Credential
- Special Program Security Credential
- Antiterrorism Credential

Accredited by the National Commision for Certifying Agencies (NCCA)

CERTIFICATION AND CREDENTIALING BENEFITS

- Demonstrates success and mastery of knowledge, skills, and abilities by a security professional
- Provides a recognized credential for security professionals
- Provides a common set of standards to measure requirements for a position
- Supports seamless transfer of security professionals among DoD components and agencies
- Facilitates interoperability among DOD security practitioners

SECURITY AWARENESS



AUDIENCE

DOD General Population

Defense Industrial Base

Other Government Organizations

Critical Infrastructure

General Public

OFFERINGS

eLearning Courses on the Security Awareness Hub

Awareness Products

- Job Aids
- Case Studies
- Videos
- Posters
- Awareness Games

Events - Conferences, Webinars

Pulse Newsletter

Public Service Announcements

CDSE PLATFORMS

STEPP

The Security, Training, Education and Professionalization Portal (STEPP) is the LMS that delivers eLearning traning and is also used to facilitate Virtual Instructor-led training and education courses.

BI ONLINE

BI Online is the LMS for the background investigation (BI) mission. It hosts BI Courses and course components along with the capability for users to interact with instructors either synchronously or asynchronously.

SECURITY AWARENESS HUB

The Security Awareness Hub provides frequently-assigned courses, including mandatory annual training, to DOD and other U.S. Government and defense industry personnel who do not require transcripts to fulfill training requirements for their specialty.

MY SPēD CERTIFICATION

My SPēD Certification (MSC) is the system of record for the SPēD Certification Program. The MSC is where candidates manage SPēD certification activities.

Insider Threat Sentry App
https://securityawareness.usalearning.gov/cdse/nitam/sentry.html

NATIONAL AWARDS

Recipient of the Defense Intelligence Agency (DIA) DOD Counterintelligence and HUMINT Awards' "CI Team of the Year."

Recipient of Government Distance Learning Association Five-Star Award for excellence in providing enterprise-wide distance learning solutions for the Federal Government.

From 2016 - 2020, CDSE was recognized at the Learning! 100 Awards.

Since 2008, won over 100 Horizon and Omni awards for outstanding achievement in media production for training courses, security shorts, practical exercises and virtual environments.

Finalist for Chief Learning Officer (CLO) magazine's LearningElite award for the past three years.

For the full list of awards, visit our website:

https://www.cdse.edu/About-CDSE/Awards/

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CDSE BY THE NUMBERS

1 CDSE

2 LOCATIONS

6 CERTIFICATIONS WITH NATIONAL-LEVEL ACCREDITATION

7 AWARDS RECEIVED

37 CDSE COURSES WITH ACE CREDIT™ RECOMMENDATIONS

178 EDUCATION COURSE COMPLETIONS IN FY2022

1,706 CERTIFICATION AND CREDENTIAL CONFERRALS

2,374 DIGITAL BADGES ISSUED IN FY2022

24,492 LIVE WEBINAR ATTENDEES IN FY2022

23,763 RECORDED WEBINAR ATTENDEES IN FY2022

4,294,695 COURSE COMPLETIONS IN FY2022