



DoD DIRECTIVE 5101.23E

DoD EXECUTIVE AGENT FOR ADVANCED CYBER TRAINING CURRICULA

Originating Component: Office of the Under Secretary of Defense for Personnel and Readiness

Effective: October 18, 2023

Releasability: Cleared for public release. Available on the Directives Division Website at <https://www.esd.whs.mil/DD/>.

Incorporates and Cancels: Secretary of Defense Memorandum, "Designation of the DoD Executive Agent for Advanced Cyber Training," October 1, 2020

Approved by: Kathleen H. Hicks, Deputy Secretary of Defense

Purpose: This issuance:

- Designates the Secretary of the Army as the DoD Executive Agent (EA) for Advanced Cyber Training (ACT) Curricula in accordance with DoD Directive (DoDD) 5101.01.
- Designates the Under Secretary of Defense for Personnel and Readiness (USD(P&R)) as the Principal Staff Assistant to oversee the DoD EA for ACT Curricula.
- Designates the Commander, United States Cyber Command (CDRUSCYBERCOM) as the joint curriculum lead (JCL).
- Establishes the ACT Curricula Governance Forum.

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SECTION 1: GENERAL ISSUANCE INFORMATION

1.1. APPLICABILITY.

This issuance applies to OSD, the Military Departments (including the United States Coast Guard (USCG) at all times, including when it is a Service in the Department of Homeland Security by agreement with that Department), the Office of the Chairman of the Joint Chiefs of Staff (CJCS) and the Joint Staff, the Combatant Commands, the Office of Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD.

1.2. POLICY.

a. ACT:

(1) Curricula will be developed, delivered to the Military Services, and administered by the DoD EA for ACT Curricula.

(2) Will be delivered to Service members supporting the Cyber Mission Force (CMF).

(3) Curricula will be effective and relevant.

(4) Curricula will be in accordance with Cyberspace Technical Manual 7-0.1 and conform to United States Cyber Command (USCYBERCOM) training certifications and standards to support training and improve the capabilities of the CMF.

b. Military Departments will use the DoD EA standardized ACT curricula to train and certify common CMF skills for their Military Services to conduct operations in an interoperable joint mission environment.

c. In accordance with Paragraph 1.2.d. of DoDD 5101.01, within the scope of these assigned responsibilities and functions, the authority of the DoD EA takes precedence over the authority of other DoD Component heads performing related or collateral joint or multicomponent support responsibilities and functions.

d. Except for in circumstances applicable in accordance with Paragraph 1.2.c. of this issuance and Paragraph 1.2.d. of DoDD 5101.01, nothing in this issuance replaces or infringes on the responsibilities, functions, or authorities of DoD Component heads as prescribed by law or Executive order, assigned in chartering DoDDs, or detailed in other DoD issuances.

SECTION 2: RESPONSIBILITIES

2.1. USD(P&R).

The USD(P&R):

- a. Establishes ACT policy in consultation with relevant stakeholders.
- b. Serves as the Principal Staff Assistant for ACT.
- c. Provides policy oversight and assesses the performance of the DoD EA in accordance with DoDD 5101.01.
- d. Chairs the ACT Curricula Governance Forum in accordance with Section 3.

2.2. ASSISTANT SECRETARY OF DEFENSE FOR CYBER POLICY.

Under the authority, direction, and control of the Under Secretary of Defense for Policy, the Assistant Secretary of Defense for Cyber Policy, in their capacity as the Principal Cyber Advisor to the Secretary of Defense, provides strategic oversight of the CDRUSCYBERCOM's ACT responsibilities.

2.3. UNDER SECRETARY OF DEFENSE FOR INTELLIGENCE AND SECURITY (USD(I&S)).

The USD(I&S) provides guidance to the Defense Intelligence Enterprise and the Defense Security Enterprise to achieve the objectives of ACT training curricula equivalency, effectiveness, and reciprocity.

2.4. DIRECTOR, NATIONAL SECURITY AGENCY/CHIEF, CENTRAL SECURITY SERVICE (DIRNSA/CHCSS).

Under the authority, direction, and control of the USD(I&S); under the authority, direction, and control exercised by the DoD Chief Information Officer over the activities of the Cybersecurity Directorate, or any successor organization, of the National Security Agency, funded through the Information Systems Security Program; and in coordination with the Secretaries of the Military Departments and the JCL, the DIRNSA/CHCSS:

- a. Oversees development and maintenance of education, training standards, training, and personnel certifications for cryptologic work roles, including cryptologic work roles related to cyberspace operations in accordance with DoD Instructions 3115.11 and 3305.09 and DoDD 8140.01.

b. In coordination with the Secretaries of the Military Departments and the CDRUSCYBERCOM, promotes training efficiencies between cryptologic work roles and USCYBERCOM CMF cyber work roles and provides guidance that supports equivalency for training courses in accordance with DoD Instructions 3305.09 and 3115.11.

2.5. SECRETARIES OF THE MILITARY DEPARTMENTS AND THE COMMANDANT OF THE USCG.

The Secretaries of the Military Departments and the Commandant of the USCG:

- a. Retain responsibility for Service-defined training curricula, in conjunction with DoD Military Service Chiefs.
- b. Identify and submit revisions for the training curricula to the DoD EA and the JCL.
- c. Execute approved ACT curricula for training military and DoD civilian personnel in accordance with training delivery requirements established by the ACT Curricula Governance Forum.
- d. Incorporate policies that support ACT requirements and scheduling to align course completion before assignment to the CMF.

2.6. SECRETARY OF THE ARMY.

In addition to the responsibilities in Paragraph 2.5., and in the capacity as the DoD EA for ACT Curricula, the Secretary of the Army:

- a. Coordinates and synchronizes efforts with the JCL, the Secretaries of the Military Departments, and other DoD Component heads, as appropriate.
- b. Coordinates with the JCL to submit ACT curricula equivalency requests to the DIRNSA/CHCSS.

2.7. CJCS.

The CJCS issues instructions as necessary to support the ACT Program and its implementation within the Combatant Commands in accordance with this issuance.

2.8. CDRUSCYBERCOM.

The CDRUSCYBERCOM:

- a. Serves as the JCL for ACT curricula.

- b. Establishes standards and requirements for ACT curricula, terminal and enabling learning objectives, and learning outcomes published in Cyberspace Technical Manual 7-0.1.
- c. Guides a multi-Service effort responsible for developing the associated CMF common curriculum and courseware to ensure training linkage to mission.

SECTION 3: ACT CURRICULA

3.1. REQUIREMENTS AND STANDARDS.

ACT curricula will:

- a. Be issued and adopted in coordination with the DoD EA, the JCL, the Secretaries of the Military Departments, and other DoD Component heads.
- b. Support individual training that enables performance of mission-essential tasks by:
 - (1) Ensuring training linkage to mission.
 - (2) Providing a basis for subsequent task analysis data.

3.2. GOVERNANCE.

a. Oversight.

- (1) The DoD EA and the JCL oversee, coordinate, and review all ACT curricula.
- (2) The USD(P&R) chairs the ACT Curricula Governance Forum.

b. ACT Curricula Governance Forum.

(1) Mission.

The ACT Curricula Governance Forum unifies ACT curricula development by:

- (a) Assessing, reviewing, and updating testing and fielding of ACT curricula.
- (b) Mitigating DoD-wide duplication of effort.
- (c) Optimizing use of limited resources.
- (d) Ensuring that ACT curricula are current and relevant.

(2) Scope.

The ACT governance structure capitalizes on and does not replace existing curriculum development processes or forums within the DoD.

(3) Membership.

The ACT Curricula Governance Forum consists of representatives from:

- (a) The Office of the Principal Cyber Advisor to the Secretary of Defense.

- (b) The Office of the USD(I&S).
- (c) The Office of the DIRNSA/CHCSS.
- (d) The Office of the Director, Defense Information Systems Agency.
- (e) The Military Services.
- (f) USCYBERCOM.

GLOSSARY

G.1. ACRONYMS.

ACRONYM	MEANING
ACT	advanced cyber training
CDRUSCYBERCOM	Commander, United States Cyber Command
CJCS	Chairman of the Joint Chiefs of Staff
CMF	Cyber Mission Force
DIRNSA/CHCSS	Director, National Security Agency/Chief, Central Security Service
DoDD	DoD directive
EA	executive agent
JCL	joint curriculum lead
USCG	United States Coast Guard
USCYBERCOM	United States Cyber Command
USD(I&S)	Under Secretary of Defense for Intelligence and Security
USD(P&R)	Under Secretary of Defense for Personnel and Readiness

G.2. DEFINITIONS.

These terms and their definitions are for the purpose of this issuance.

TERM	DEFINITION
ACT	Training for a particular CMF work category and common position training.
JCL	An individual appointed by the Secretary of Defense to align training with the CMF.

REFERENCES

- DoD Directive 5101.01, “DoD Executive Agent,” February 7, 2022
- DoD Directive 8140.01, “Cyberspace Workforce Management,” October 5, 2020
- DoD Instruction 3115.11, “DoD Intelligence Human Capital Management Operations,” January 22, 2009, as amended
- DoD Instruction 3305.09, “DoD Cryptologic Training,” June 13, 2013, as amended
- United States Cyber Command Cyberspace Technical Manual 7-0.1, “Joint Cyberspace Training and Certification Standards,” September 18, 2020, as amended¹

¹ Available to authorized users on the Secret Internet Protocol Network at <https://inteldocs.intelink.sgov.gov>.