Annex A (Course Credit Criteria) to the Cyber Course Credit Program SOP

Course: 17C Advanced Individual Training [Note: AIT course credit is only available for MOS-T (reclassification) Soldiers; MOS-I (IET) Soldiers are not eligible.]

Phase 1 / Module	Required Documentation for Course Credit
Cyber Basic Technical Core (CBTC)	Completion of at least one of the following courses: JCAC, CCTC, ICC, CSED3111, FORGE101 (CYBR3422), or Computer Network Operations Qualification Course (CNOQC); *or* OSCP certification; *or* Successful CCTC Test Out Option completion
Phase 2 / Module	**Required Documentation for Course Credit**
Programming	Completion of the Programming and Scripting (PnS) functional course; *or* Transcript documenting at least one college semester of Python programming within the past five years with a grade of C or higher; *or* Recent supervisor-verified sample of programming work in Python; *or* completion of SANS SEC573 and/or SEC673; *or* Python Institute PCEP, PCAP, and/or PCPP certification
Cyber Common Technical Core (CCTC)	Completion of CCTC *or* successful CCTC Test Out Option completion required
Information Environment 101	Previous assignment of one year or more at NSA/CSS, USCYBERCOM, or ARCYBER
Offensive Cyberspace Operations (OCO) Analyst Core	CMF 17-series DNEA or EA work role qualification *or* completion of all the following NCS courses: ANSK1010, ANSK1020, ANSK1101, ANSK1110, ANSK2101, ANSK2003, ANSK3101, CLAS1000, CRSK1000, CSED1200, CSED2200, DENL1011, NETC1003, OPSE1301, OVSC1000, OVSC1100, OVSC1701, OVSC1800, RPTG1012, RPTG2212, RPTG2213, RPTG2225, and RPTG2251
Cyberspace Response Assessment (CsRA)	Documented USCYBERCOM or CNMF exercise participation; *or* Participation in two Division/Corps Warfighter Exercise in a Cyber role; *or* two CTC rotations in a Cyber role; *or* Combat deployment of at least six months in a Cyber planner/operator/analyst position; *or* Crosswalk demonstrating how all CsRA TLO/ELO requirements have been met

Course: 17E Advanced Individual Training [Note: AIT course credit is only available for MOS-T (reclassification) Soldiers; MOS-I (IET) Soldiers are not eligible.]

Module	Required Documentation for Course Credit
Electromagnetic Warfare (EW) Specialist Introduction	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* May be awarded if credit is awarded for all other modules
EW Math	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* Completion of a college algebra, trigonometry, or calculus course within the past five years with a grade of C or higher
Fundamentals of Electromagnetic Waves	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* Completion of a college physics course within the past five years with a grade of C or higher
Fundamentals of Basic Electronics	Ranger Regiment/SOF Operational EW Qualification Pipeline; *or* Completion of ALL the following listed in Army COOL: Basic Electricity and Electronics - Alternating Current (BEE-AC), Basic Electricity and Electronics - Analog (BEE-A), Basic Electricity and Electronics - Digital (BEE-D), and Basic Electricity and Electronics - Direct Current (BEE-DC), coupled with IEEE accreditation from https://www.ieee.org/; *or* Completion of a college electronics course within the past five years with a grade of C or higher
Fundamentals of Radio Frequency Communications	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* Previously awarded a 25-series MOS
Fundamentals of Network Communications	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* Previously awarded a 25-series MOS
Principles of EW	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* 1st IO Command Electronic Warfare Integration Course (EWIC)
EW Systems	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* Proof of EW-related NET-NEF experience
Mission Command Systems	Ranger Regiment/SOF Operational EW Qualification Pipeline *or* Proof of EWPMT training (from PM or sustainment training location)

Course: 170A Warrant Officer Basic Course

Module	Required Documentation for Course Credit
Cyber Common Technical Core (CCTC)	Completion of CCTC *or* successful CCTC Test Out Option completion required

Course: 170D Warrant Officer Basic Course

Module	Required Documentation for Course Credit
Separate process for technical equivalency exists for select personnel	A process exists for requesting technical equivalency through CTED and DA G-3/5/7 outside of the program governed by this SOP. See paragraph 8d(2) of the SOP for details.

Course: 17A Cyber Operations Officer Course

Module	Required Documentation for Course Credit
Operations in the Information Environment and Cyberspace Planning (OIE&CsP)	Previous assignment of one year or more at NSA/CSS, USCYBERCOM, or ARCYBER **and** Completion of the Cyber Effects Application Course (CEAC) **and** Completion of one of the following: COPC, ACOPC, JCOPC, or JNAC; **or** TFE Crosswalk demonstrating how all module TLO/ELO requirements have been met
Cisco Certified Network Associate (CCNA)	Current CCNA Routing and Switching certification; **or** Current ICND1/ICND2 certification; **or** Transcript documenting a minimum of three credit hours of college undergraduate or graduate level networking coursework with a grade of C or higher
Programming and Scripting	Completion of the Programming and Scripting (PnS) functional course; **or** Transcript documenting at least one college semester of Python programming within the past five years with a grade of C or higher; **or** Recent supervisor-verified sample of programming work in Python; **or** completion of SANS SEC573 and/or SEC673; **or** Python Institute PCEP, PCAP, and/or PCPP certification
Cyber Common Technical Core (CCTC)	Completion of CCTC **or** successful CCTC Test Out Option completion required
EW	Previous service as a 29E, 29A, 290A, 17E, 17B, or 170B or in a "Sister Service" (USN, USMC, or USAF) EW career field; **or** Completion of Ranger Regiment/SOF Operational EW Qualification Pipeline; **or** Completion of 1st IO Command Electronic Warfare Integration Course (EWIC)
Mission Commander	Mission Commander Course (MCC) completion
CsRA (Capstone)	Documented USCYBERCOM or CNMF exercise participation; **or** Participation in two Division/Corps Warfighter Exercise in a Cyber role; **or** two CTC rotations in a Cyber role; **or** Combat deployment of at

	least six months in a Cyber planner, operator, or analyst position; **_or_** Crosswalk demonstrating how all CsRA TLO/ELO requirements have been met

Course: 17B Cyber Electromagnetic Warfare Officer Course

Module	Required Documentation for Course Credit
Introduction to EW and Cyberspace Operations	Qualification in a "Sister Service" (USN, USMC, or USAF) EW career field
EW Fundamentals	Qualification in a "Sister Service" (USN, USMC, or USAF) EW career field
Divisions of EW	Qualification in a "Sister Service" (USN, USMC, or USAF) EW career field
EW Systems	Joint Electromagnetic Warfare Theater Operations Course (JEWTOC) completion
CEMA Support to Operations	One year of operational experience in an Army CEMA Section **_and_** JEWTOC completion
Integrate CEMA into Planning	JEWTOC **_and_** Joint Targeting School completion
Joint Electromagnetic Spectrum Operations (JEMSO) Support to Operations	One year of operational experience in at least one of the following: Joint Electromagnetic Warfare Center (JEWC), Combatant Command, or JTF Joint Electromagnetic Spectrum Operations Cell
Integrate CEMA into Unit Training	Documented leadership or primary staff experience with planning and executing training and/or unit validation in at least one of the following: EW Platoon, EW Company, or Expeditionary CEMA Team (ECT).
Cyber Electromagnetic Capstone Exercises	Participation in two Division/Corps Warfighter Exercises or two CTC rotations as part of an Army CEMA Section **_or_** Combat deployment of at least six months or more in an Army CEMA Section

Course: 17D Basic Officer Leaders Course

Module	Required Documentation for Course Credit
Technical modules only	Credit for 17D BOLC technical modules is only available for prior service Soldiers who hold current Army basic developer qualification or higher.

Important Notes:

1. The above listed criteria is not necessarily all-inclusive, and all courses are occasionally revised, so course credit packets will be evaluated against the latest criteria when the packet is presented to the Course Credit Review Board.

2. Source/proof documents for course credit validation include (but not limited to):

- Certificates of Training (Note: While online self-paced courses, such as those available from Udemy, Coursera, Hack the Box, Codecademy, etc., may provide relevant knowledge and skills, they most likely will not be accepted for Cyber course credit.)
- Certification Documents (current/valid certifications required when noted above)
- College/University Transcripts (applicable courses must be highlighted)
- NCS Transcripts (applicable courses must be highlighted)
- Completed OERs/NCOERs (or "Sister Service" equivalents)
- Memoranda of Record from commanders
- Sample of work verified and signed by supervisor
- Crosswalks between training and experience and TLOs/ELOs/LSAs with supporting documentation

3. Courses/modules for which course credit will not be granted through this SOP:

- All PME common core modules
- Cyber Common Technical Core
- Enlisted Courses:
    - 17C Advanced Leaders Course
    - 17C Senior Leaders Course
    - 17E Advanced Leaders Course
    - 17E Senior Leaders Course
- Warrant Officer Courses:
    - 170A Warrant Officer Advanced Course
    - 170B Warrant Officer Basic Course
    - 170B Warrant Officer Advanced Course
    - 170D Warrant Officer Basic Course (separate process exists)
    - 170D Warrant Officer Advanced Course
- Officer Courses:
    - 17A Basic Officer Leaders Course
    - 17A/B Captains Career Course
    - 17D Captains Career Course

4. CCTC Test Out Option Procedures:

- The CCTC Test Out Option is delivered on three consecutive days. On Day 1, participants take the Operating Systems (OS) exam. On Day 2, they take the Networking exam. On Day 3, they take the Security exam. For example, on

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Monday participants take the OS exam; on Tuesday, they take the Networking exam; and on Wednesday, they take the Security exam. Both Active and Reserve Component personnel will adhere to same three consecutive day timeline.

- The CCTC Test Out Option is "all-or-nothing." Participants must pass the OS exam to take the Networking exam, and then pass the Networking exam to take the Security exam. Participants must pass all three exams to receive a memorandum from CTED that can be included in their course credit packet. The CCRB will use this memorandum to validate course credit approval for the CCTC module of the appropriate course.
- No re-tests or re-training periods are allowed for the CCTC Test Out Option. A participant who does not pass all three exams during the three consecutive day timeline on their first attempt must complete CCTC. To clarify, a test out option participant who does not pass all three exams on three consecutive days must take the entire CCTC module within their course.
- Only authorized personnel are allowed in the classroom during testing. Generally, the only personnel who will be in a room when students are testing are the students and their instructors for that module. Test control personnel and QAO personnel may observe testing procedures to ensure exams are administered IAW policy. Cyber School leadership (e.g., Commandant, Deputy/Assistant Commandant, Course Manager, etc.) may also observe testing. However, the only personnel who should interact in any way with the students while they are testing are the instructors for that module.