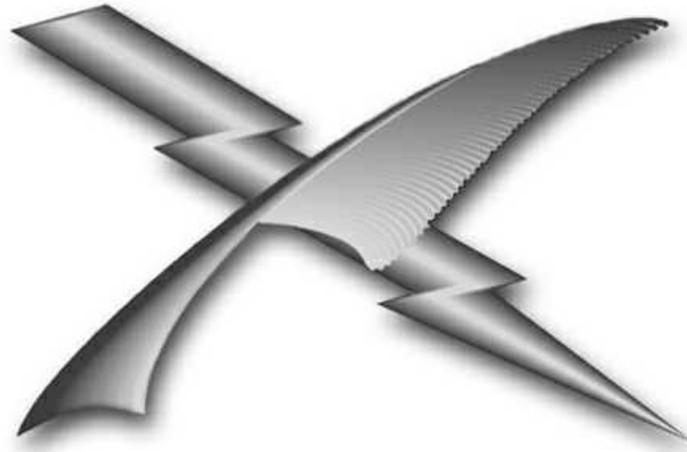




Cryptologic Technician - Interpretive (CTI)



October 2016

Career Roadmap

Seaman Recruit to Master Chief Roadmap

The educational roadmap below will assist Sailors in the Cryptologic Technician - Interpretive community through the process of pursuing professional development and advanced education using various military and civilian resources e.g. PQS program; JST/SMART Transcript; NKO (E-Learning); Navy College; etc. Successful leadership is the key to military readiness and will always require a high degree of technical skill, professional knowledge, and intellectual development.

What is a Career Roadmap for Cryptologic Technician - Interpretive?

Cryptologic Technician - Interpretive roadmaps are just what the name implies - a roadmap through the Enlisted Learning and Development Continuum from Seaman Recruit through Master Chief. The principal focus is to standardize a program Navy wide by featuring the existing skills necessary to be successful in the Navy. The ultimate goal of a roadmap is to produce a functional and competent Sailor.

What is the Enlisted Learning and Development Continuum?

Enlisted Learning and Development Continuum is the formal title given to the curriculum and process building on the foundation of Sailorization beginning in our Delayed Entry Program through Recruit Training Command and throughout your entire career. The continuum combines skill training, professional education, well-rounded assignments, and voluntary education. As you progress through your career, early-on skill training diminishes while professional military education gradually increases. Experience is the ever-present constant determining the rate at which a Sailor trades skill training for professional development.

Do Sailors have to follow the Roadmap?

Yes. The Cryptologic Technician - Interpretive roadmap includes the four areas encompassed by the Continuum in Professional Military Education to include; Navy Professional Military Education (NPME), Joint Professional Education (JPME), Leadership and Advanced Education.

Some training and education is mandatory (Recruit Training, CTI "A" School at the Defense language Institute, located in Monterey, California, NKO (E-Learning, etc.)). Some may be directed by your chain of command (Microsoft Excel and PowerPoint courses), and the remainder is voluntary (NKO, E-Learning, college courses, etc.). Sailors are advised to seek out mentors, including your Command Master Chief, Senior Enlisted Advisor, Leading Chief Petty Officer, Leading Petty Officer and Command Career Counselor, and to make use of your Base Navy College or Education Office vast resources. All are uniquely qualified to help you along the way.



United States Navy Ethos

We are the United States Navy, our Nation's sea power - ready guardians of peace, victorious in war.

We are professional Sailors and Civilians - a diverse and agile force exemplifying the highest standards of service to our Nation, at home and abroad, at sea and ashore.

Integrity is the foundation of our conduct; respect for others is fundamental to our character; decisive leadership is crucial to our success.

We are a team, disciplined and well-prepared, committed to mission accomplishment. We do not waver in our dedication and accountability to our Shipmates and families.

We are patriots, forged by the Navy's core values of Honor, Courage and Commitment. In times of war and peace, our actions reflect our proud heritage and tradition.

We defend our Nation and prevail in the face of adversity with strength, determination, and dignity.

We are the United States Navy.



The Sailor's Creed

I am a United States Sailor.

I will support and defend the Constitution of the United States of America and I will obey the orders of those appointed over me.

I represent the fighting spirit of the Navy and those who have gone before me to defend freedom and democracy around the world.

I proudly serve my country's Navy combat team with Honor, Courage, and Commitment.

I am committed to excellence and the fair treatment of all.



CTI CAREER PATH
(IDW/SW/AW/SG/EXW)



CTIs are Cryptologic Technician Interpretive. The chart below depicts a typical career path for a CTI. No two CTIs will follow identical career patterns; however, on the average, the successful CTI will meet most of the career milestones in about the same sequence indicated. Rating Description: Professional linguist specializing in analysis of foreign naval operations, radiotelephone communications, and preparation of statistical studies/technical reports requiring knowledge of a foreign language.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA / SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
26-30	CTICM	20.2 Yrs	CMC	Not Defined	6 th -7 th CONUS Tour Billets: CMC/CSC/SEL/Staff. Duty: C10F, NCF, CID, NIOC, "A" School, OPNAV Staff.
23-26	CTICM CTICS	20.2 Yrs 16.1	CMC, CSC	Not Defined	5 th OCONUS/6 th CONUS Tour Billet: CMC/CSC/SEL/Staff. Duty: C10F, NCF, CID, NIOC, "A" School, OPNAV Staff. Qualification: CMC/CSC.
20-23	CTICM CTICS CTIC	20.2 Yrs 16.1 11.8	CWO, CMC, CSC	Not Defined	5 th CONUS/4 th OCONUS Tour Billet: SEL, Staff, Dept/Dir LCPO, Tactical Ops Supe. Duty: C10F, NCF, CID, NIOC, "A" School. Qualification: SEA, CSC, CMC.
16-20	CTICS CTIC CTI1	16.1 Yrs 11.8 7.1	LDO, CWO, OCS, MECP, CSC, Recruiting, RDC	Not Defined	3 rd OCONUS/4 th CONUS Tour Billet: SEL, Staff, Div/Dept/Dir LCPO, Watch Supe, Lead Analyst, Tactical Op, Lead Instructor, Inst Supe, C2M2. Duty: C10F, NCF, CID, NIOC, NCU. Qualification: SEA, MCCEP Phase III, MTS, SW, AW, SG, EXW, NAC.
12-16	CTIC CTI1	11.8 Yrs 7.1		Not Defined	3 rd CONUS/ 2 nd OCONUS Billet: DS LCPO, Dept LCPO, Watch Supe, Lead Analyst, Tactical Op, Lead Inst. Duty: CID, NIOC, NSW SUPACT, NCU. Qualification: MCCEP Phase III, MTS, SW, AW, SG, EXW, NAC.
8-12	CTIC CTI1 CTI2	11.8 Yrs 7.1 3.3		Not Defined	2 nd or 3 rd CONUS/ 1 st or 2 nd OCONUS Tour Billet: Instructor, Senior Language Analyst, Senior Operator, Supervisor, Direct Support Supervisor, LPO, LCPO, Tactical IW Op, Special Programs, Cyber Teams. Duty: CID, NIOC, NSW SUPACT, NCU. Qualification: MCCEP Phase II, MTS, SW, AW, SG, EXW, NAC.
YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA / SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT



CTI CAREER PATH
(IDW/SW/AW/SG/EXW)



YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA / SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
4-8	CTI1 CTI2 CTI3	7.1 Yrs 3.3 1.6	STA-21, OCS, MECP Naval Academy, NROTC, Recruiting, RDC	Not Defined	1 st OCONUS Tour/2 nd CONUS Tour Billet: Senior Language Analyst, Senior Operator, Direct Support, Aircrewman, Tactical IW Operator, Cyber Teams. Duty: NIOC, NIOD, NSW SUPACT, NCU. Qualification: MCCEP Phase II, IDW, SW, AW, SG, EXW, NAC.
2-5	CTI2 CTI3	3.3 Yrs 1.6		Not Defined	1 st CONUS Tour Billet: Language Analyst, Basic Operator, Direct Support Operator, Aircrewman. Duty: NIOC (HI, MD, GA, TX). Qualification: MCCEP Phase I, IDW, SW.
1+	CTI3 CTISN CTISA Accession Training	9 Months	STA-21, OCS, MECP Naval Academy, NROTC	Not Defined	Recruit Training/Student CTI "A" School, Apprentice CLP.

Notes:

- The CTI community is organized into four groups, each affiliated with an area of interest or geographic region. Group 1 comprises just under half of the entire CTI rate, and is made up of Middle Eastern and Northern African languages. Group 2 is the next largest, making up roughly 25% of the CTI rate, and is comprised of all Asian- Pacific languages. Group 3 is Latin and South American languages. Group 4 is all Eastern European and Russian languages. Groups 3 and 4 are about the same size. CTIs are identified both by the Group affiliation and the primary language to which they are assigned. All accession CTIs are trained in a primary language from one of the four Groups. The primary accession languages are Arabic, Chinese-Mandarin, Korean, Persian-Farsi, Russian, and Spanish. There are also accession CTIs trained in Hebrew (less than 10 per year) with the understanding that they will retrain in Arabic or Persian-Farsi after their first enlistment. There are many enduring language requirements that do not have a large enough billet base to sustain E1-E9 career path, so they are grouped by region to provide a billet base in which opportunity exists.
- CTIs are required to maintain Language Readiness Standards as measured by the Defense Language Proficiency Test (DLPT) in their primary language as specified in Navy Enlisted Occupational Standards (NEOCS) and Navy Cyber Forces Command Instruction 1550.1. Future rating vision is to raise proficiency standards to L3/R3, with E-7 to E-9 primary functions being cryptologic language managers and mentors for junior CTIs as well as regional experts in language and culture. As a general rule of thumb, CTIs with language proficiency measured below 2/2 on the DLPT are not well equipped to be in positions where they must enforce higher standards and lead the workforce to professional levels of proficiency.
- All CTIs must test annually in each language for which they hold an NEC awarded as a result of language training provided by the DoD. Current DLPT scores are recorded in the Enlisted Master File; however, the most recent DLPT score for each CTI's primary language must be documented on the member's Performance Evaluations as well. Minimum proficiency standards specified by NAVCYBERFORINST 1550.1 should be considered for the primary language to which the CTI is assigned. If a CTI meets standards in their primary language, but is substandard in one or more secondary languages, the primary language score should carry the most weight. CTIs working out of rate, (i.e., Recruiter or RDC) are not exempt from taking their annual language test(s), but are exempt from maintaining minimum proficiency standards for the duration of their tour and are required to test at or above standards within 12 months of their return to a traditional CTI billet.



CTI CAREER PATH
(IDW/SW/AW/SG/EXW)



4. The rating has consolidated the majority of its billets to four concentration centers or Centers of Excellence. Maintaining an even sea/shore rotation is nearly impossible due to heavy shore billet base (70 CONUS/30 OUTUS). Sea/shore flow NAVADMIN 361/12 indicates CTI rotation is one-out/one-in for all pay-grades, and specifies an initial tour-length of 42 months for A-school graduates. The billet base does not support a true 36/36 rotation. Consideration should be given those demonstrating a concerted effort to maintain a healthy balance between sea and shore assignments.

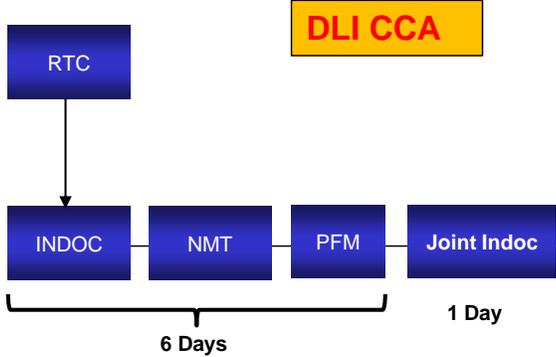
5. There are no PCS-afloat billets available to CTIs. Sea time is accrued through Direct Support missions via Aircrew, Subsurface, or Surface missions; CTIs may accrue extensive sea time yet not attain a warfare qualification. This is due to augmentation aboard different class platforms during Direct Support tours, which may preclude them from qualifying ESWS, EAWS, or SG. CTIs are expected to be qualified EIDWS after completing a tour at a NIOC.

6. A select few CTIs qualify for and are selected for Sea Special Programs that require above normal language skills or superior physical fitness coupled with exceptional technical expertise to participate. These programs include Support Activities to NSW DEVGRU, Groups One and Two, TIO, Defense Threat Reduction Agency, and a small number of other programs. Though their contributions are often unconventional in comparison to those of a typical crypto-linguist or language analyst, these Sailor's contribute to the National and Navy missions in their own distinct way that cannot be made available to the board.

7. Deference should be paid to CTIs involved directly in GWOT missions in a cryptologic language support billets, not to generic intelligence analysts and/or support billets.



Cryptologic Technician Interpretive (CTI)



Legend

Course
HOURS: IMI / ILT / Lab

UNCLASSIFIED

A School

Hebrew	CTI (Hebrew) 0 / 1880 / 0	~ 235 Days 0 / 100 / 0
Russian	CTI (Russian) 0 / 1880 / 0	~ 235 Days 0 / 100 / 0
Korean	CTI (Korean) 0 / 2520 / 0	~ 315 Days 0 / 100 / 0
Arabic	CTI (Arabic) 0 / 2520 / 0	~ 315 Days 0 / 100 / 0
Chinese	CTI (Chinese) 0 / 2520 / 0	~ 315 Days 0 / 100 / 0
Farsi	CTI (Farsi) 0 / 1880 / 0	~ 235 Days 0 / 100 / 0
Spanish	CTI (Spanish) 0 / 1000 / 0	~ 125 Days 0 / 100 / 0

Instructional Days
% IMI / ILT / Lab

F
L
E
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T



Cryptologic Technician - Interpretive Petty Officer Third Class (Apprentice/Journeyman)

NAME _____

SKILL TRAINING

(Schools, courses and assignments directly related to occupation)

REQUIRED SKILL TRAINING

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
CTI Defense Language Program (Second Language)	Monterey, CA	A-232-6001		
Apprentice Cryptologic Language Program (Language)	Language-specific Center of Excellence	A-232-40XX (Language dependent)		
SCI Security and Emergency Destruction	Local / On-line	NSGTP 683-11-00-01		
Significant Language Training Event Annually				
Maintain Minimum Language Readiness Standards				

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Naval Space Handbook	Local / On-Line	NAVEDTRA 14168A		
Electronic Technician Volume 03 – Communication systems	Local / On-Line	NAVEDTRA 14088		
NEETS Mod 10 - Introduction to Wave Propagation, Transmission Lines and Antennas	Local / On-Line	NAVEDTRA 14182		
Microwave Principles	Local / On-Line	NAVEDTRA 14183A		
Modulation Principles	Local / On-Line	NAVEDTRA 14184A		
Radio Frequency Communications Principles	Local / On-Line	NAVEDTRA 14189		
Introduction to Test Equipment	Local / On-Line	NAVEDTRA 14188A		
Basic Communications Analysis	Local / On-Line	TRAF-2105		
Radar Principles	Local / On-Line	NAVEDTRA 14190		
Digital Computing	Local / On-Line	NAVEDTRA 14194		
Computer Systems	Local / On-Line	NAVEDTRA 14223		
Network Communications	Local / On-Line	NAVEDTRA 14224		
Time Conversion	Local / On-Line	NAVEDTRA 14252		
Information Systems Security Manual	Local / On-Line	NSA/CSS MANUAL 6-3		
NSA/CSS POLICY 1-23	Local / On-Line	N/A		
Executive Order 12333	Local / On-Line	N/A		
Destruction and Emergency Protection Procedures for COMSEC and classified material	Local / On-Line	CNSS INSTRUCTION 4004.1		
Sensitive compartmented information administrative security manual	Local / On-Line	DOD 5105. 21 vol 1 (SCI ADMIN)		
Sensitive compartmented information administrative security manual	Local / On-Line	DOD 5105. 21 vol 2 (PHYSICAL SEC)		
Sensitive compartmented information administrative security manual	Local / On-Line	DOD 5105. 21 vol 3 (PER SEC)		
DOD Joint Security Implementation Guide (DJSIG) (DODIIS)	Local / On-Line	DOD 5200.8-R		
The Whys and Hows of SIGINT Reporting	Local / On-Line	RPTG 1011		

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
The Mechanics of SIGINT Reporting	Local / On-Line	RPTG 2111		
SIGINT Research Analysis and Report Writing	Local / On-Line	RPTG 3222		
Report Releaser Course Handbook	Local / On-Line	RPTG 4398		
Seaborne Collection System	NSANET			
Department of the Navy Personnel Security Program	NSANET	SECNAV M-5510.3		
Department of the Navy Information Security Program	NSANET	SECNAV M-5510.36		
United States SIGINT Intelligence Directives: SP series: 0002, 0009, 0018, 0200, CR series: 1500, 1501, 1251, 1252 AP series: 2121, 2105, 2150 DA series: 3611, 3230, 3130	NSANET			
MCCEP Phase I: Classification Marking Mechanics	Local / On-Line	CLAS1500	3 hours	
MCCEP Phase I: Basic Cyber Adversary Awareness	Local / On-Line	CYEC1250	4 hours	
MCCEP Phase I: OPSEC Fundamental Course	Local / On-Line	OPSE1301	1 hour	
MCCEP Phase I: Computer network operations at NSA	Local / On-Line	CYEC2150	4 hours	
MCCEP Phase I: Overview of SIGINT Authorities	Local / On-Line	OVSC1100	2 hours	
MCCEP Phase I: NSA FISA	Local / On-Line	OVSC1201	1 hour	
MCCEP Phase I: USSID SP0018 Training for Analytic Personnel	Local / On-Line	OVSC1800	3 hours	
MCCEP Phase I: Introduction to cryptanalysis	Local / On-Line	CRYP1000	4 hours	
MCCEP Phase I: Foundations of smart Targeting	Local / On-Line	CRSK1300	4 hours	
MCCEP Phase I: Introduction to GSM and GPRS	Local / On-Line	NETA2005	3 hours	
MCCEP Phase I: Collection course for non-collectors	Local / On-Line	NECT1003	8 hours	
MCCEP Phase I: Communication signals	Local / On-Line	SIGG1040	8 hours	
MCCEP Phase I: Transmission media	Local / On-Line	SIGG1048	16 hours	
MCCEP Phase I: Maps & GEO coordinate system	Local / On-Line	GISA1022	16 hours	
MCCEP Phase I: Basics of SIGINT Dissemination	Local / On-Line	RPTG1012	2 hours	
MCCEP Phase I: Keight (KL) Reporting fundamentals	Local / On-Line	RPTG2212	2 hours	
MCCEP Phase I: Introduction to CRITIC Reporting	Local / On-Line	RPTG2213	4 hours	
MCS-21 Linguist	Center of Excellence	A-231-0009	5 days	
Principles of Classification and Information Security	Local/Online	CLAS2200	16 hours	

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
9XXX - Language Specific NEC	Multiple	Multiple		
9234 - Multilingual-cryptolinguist				
8201 - Naval Aircrewman Candidate	NASC Pensacola, FL	C-050-1500	5 weeks	
8295 - (Airborne) Cryptologic Technician Operator / Analyst				
8296 - EP-3E Cryptologic Technician Operator/Analyst	NATTC Whidbey Island, WA	C-050-3021		
9134 - Subsurface Augmentee Operator				

JOB DESCRIPTION

Operate signals collection equipment and systems to exploit, geolocate and record target Signals of Interest (SOI). Analyze, summarize, transcribe and translate foreign language communications to identify Essential Elements of Information (EEI). Draft Signals Intelligence (SIGINT) reports and provide information to satisfy fleet, joint, national and multi-national requirements. Maintain technical databases to gather target information and operating characteristics while protecting sensitive methods and sources.

RECOMMENDED BILLET ASSIGNMENTS

You will be assigned to your Language Center of Excellence for follow-on training and assignment as a basic language analyst in support of National and/or Fleet requirements.

PERSONAL AND PROFESSIONAL DEVELOPMENT (Completed at reporting 30 day Career Development Board)

Command Address: _____ QD Phone Number: _____

Division Officer: _____ Phone Number: _____

Leading Chief Petty Officer: _____ Phone Number: _____

Leading Petty Officer: _____ Phone Number: _____

Sponsor/Mentor: _____ Phone Number: _____

Depart/Division Career Counselor: _____ Phone Number: _____

ADSD: _____ REPORT DATE: _____ EAOS: _____ PRD: _____ SEA / SHORE: ____/____
PAYGRADE E4 (1 year time in service required to be eligible for advancement to E-5)

Date Advanced: _____ Eligible Advancement Date: _____ Number of times up: _____ HYT Date: _____

Security Clearance Level: _____ Date Last updated: _____ Command INDOC complete: _____

CAREER DEVELOPMENT BOARDS: Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878 (E4) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 30 days for active duty or three drill weekends for SELRES) (Date Conducted): _____

6 Month: _____ 12 Month: _____ 24 Month: _____ 36 Month: _____ 48 Month: _____

60 Month: _____ Special Program: _____ Member Request: _____

HYT 24 months (Date): _____ HYT 12 months (Date): _____ HYT Waiver Date: _____ Approve/Disapprove

Career Waypoint 15 months to EAOS: _____ Career Waypoint not approved: _____ CMS/ID 13 months to PRD: _____

Rating Conversion: _____ Navy Formal Training Schools Request ("A"/"C" etc): _____

Transfer: _____ Early Separation: _____ Career Status Bonus (election message received): _____

Physical Fitness Test Failure: _____

Advancement Center: Visit NKO Navy Advancement page located under the Career Management Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Pass Not Advanced (PNA) 3 times: _____ Standard Score 40 or less/failed: _____

Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series):

Commissioning Programs Applications: _____ (prior to submission, command endorsement): _____

Seaman to Admiral 21 (STA-21) _____ Medical Enlisted Commissioning Program (MECP) _____

Naval Academy _____ Naval Academy Preparatory School (NAPS) _____ Officer Candidate School _____

Navy Leader Planning Guide: Log on to NKO and select the Leadership Tab to access this guide.

RECORD REVIEW CHECKLIST

Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This is a great opportunity to meet with your Mentor, Leading Petty Officer or Leading Chief Petty Officer to understand the importance of keeping your record up-to-date. Check the following three major sections to verify your Official Record:

- a. **BUPERS Online:** BUPERS Online (<https://www.bol.navy.mil>) is your main tool to ensure your record is up to date and helps you to be proactive in making the most of your promotion opportunity. You should review your:
 1. **Official Military Personnel File (OMPF):** All active duty and reserve personnel having a BOL account, a CAC (with appropriate certificates) and a CAC-enabled computer can now view their OMPF online by selecting the OMPF option on the BOL main menu page. This is the preferred method of obtaining OMPF information to eliminate the unnecessary time-lags caused by waiting days or weeks to receive a requested CD ROM.
 2. **If Deployed:** Click on "*Request Record on CD*" to order your Official Military Personnel File (OMPF). This must be accomplished four to six months before a board convenes, which will allow time for delivery and updating of your record if required.
 3. Check your **Performance Summary Record (PSR)** and **Enlisted Summary Record (ESR)** on <https://www.bol.navy.mil>, click on the "*ODC, OSR, PSR, ESR*" link.
- b. **Electronic Service Record (ESR) Self-Service ESR:** This can be viewed at (<https://nsips.nmci.navy.mil>) or on the Navy Standard Integrated Personnel System (NSIPS) ESR server onboard ship.
- c. **Electronic Training Jacket (ETJ):** Log-on to Navy Knowledge Online (NKO) and review your entire ETJ making sure that each section is correct. If not, clicking on "*Data Problems*" at the bottom of each page which will guide you on how to make corrections or updates.
- d. **US Navy Awards website:** Log onto (<https://awards.navy.mil/>) to review any awards you may qualify for but were unaware of.

QUALIFICATIONS AND CERTIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (If qualification is not required place N/A in this Block)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer		
3M 303 Work Center Supervisor		
3M 304 LCPO/Division Officer		
Messenger of the Watch (MOOW)		
Petty Officer of the Watch (POOW)		
Personal Qualifications Standard		

Mandatory warfare qualification for enlisted Sailors assigned to designated warfare qualifying commands:

Warfare qualification programs	Report Date	Completion Date (If qualification is not required place N/A in this Block)
Information Dominance Warfare Specialist		
Aviation Warfare Specialist		
Naval Aircrew Candidate		
Expeditionary Warfare Specialist		
Submarine Specialist		
Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (If qualification is not required place N/A in this Block)
Fire and Security		
Junior Officer of the Deck (JOOD)		
Personal Qualification Standards: Mission-Specific Entry-Level Qualifications		

CERTIFICATIONS

The following post military occupations are similar to the CTI-Cryptologic Technician Interpretive Rating. For more information about these occupations, visit NAVY COOL at <https://www.cool.navy.mil/usn/>.

Occupation (Civilian Employer)
Audio and Video Equipment Technicians
Foreign Language and Literature Teachers, Postsecondary
General and Operations Managers
Immigration and Customs Inspectors
Interpreters and Translators
Radio Operators

Occupation (Federal Employer)
0332 - Computer Operation Series
1001 - General Arts and Information Series
1040 - Language Specialist Series
1046 - Language Clerical Series
1082 - Writing and Editing Series
1083 - Technical Writing and Editing Series
1087 - Editorial Assistance Series
1541 - Cryptanalysis Series

Navy COOL: The following certifications and licenses are applicable to the CTI-Cryptologic Technician Interpretive rating. *They may require additional education, training or experience.*

Target paygrade	Certifying Agency	Credential Title	Date Completed
E5	American Board for Certification in Homeland Security (ABCHS)	Certified in Homeland Security Level V (CHS-V)	
E6	American Council on the Teaching of Foreign Languages	Official ACTFL Listening Proficiency Test (LTP)	
E6	American Council on the Teaching of Foreign Languages	Official ACTFL Oral Proficiency Interview	
E6	American Council on the Teaching of Foreign Languages	Official ACTFL Oral Proficiency Interview - Computer (OPIC)	
E6	American Translators Association (ATA)	ATA Certification Program	
E5	Federal Communications Commission (FCC)	General Radiotelephone Operator License (PG)	
E7	Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	

Visit Navy COOL at <https://www.cool.navy.mil/usn/> for additional Credentials that you may qualify to earn; however funding may be limited to your GI Bill.

UNITED SERVICES MILITARY APPRENTICESHIP PROGRAM (USMAP):

Rank	Apprenticeship	Date Completed
E1 - E9	Computer Operator	

Visit USMAP <https://usmap.netc.navy.mil/usmapss/static/index.htm> for additional information.

STAY NAVY

REENLIST / EXTEND: Request Chit/Form: _____ Career Waypoints-Reenlistment Approval: _____

Selective Training and Reenlistment (STAR): _____ Guaranteed Assignment in Detailing (GUARD 2000): _____

School as a Reenlistment Incentive: _____ Prior Service Reenlistment Eligibility - Reserve (PRISE-R): _____

Career Management System/Interactive Detailing (CMS/ID): _____

Medical/Dental Screening: _____ Command Recommendation (evaluation): _____ Bonus: _____ Ceremony: _____

Career Waypoints-Reenlistment:

The Command Career Counselor is your local advocate to assist you with the Career Waypoints application process.

- E3-E6 Sailors with less than 14 years of service must submit a Career Waypoint application, regardless of reenlistment intentions. Sailors who do not desire to reenlist will submit an "intends to separate" application. Sailors not eligible for reenlistment will submit a "not eligible" application.
- The Career Waypoints system automatically generates most of the applications needed by Sailors. Applications must be submitted no later than 13 months prior to expiration of active obligated service (EAOS) or as extended (SEAOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 12 months prior to their PRD. In either case, the Career Waypoints system will automatically generate applications for Sailors 15 months prior to either timeframe. Applications required outside of the established C-Way gates can be submitted as Special Circumstance applications. Examples of when these may be needed include OBLISERVE for special duty, decommissioning or homeport shift.
- The C-Way 3-2-1 Process aligns career decisions with the detailing process. Soft End of Active Obligated Service (SEAOS)/End of Active Obligated Service (EAOS) applications are created by C-Way at the 15 month from SEAOS/EAOS mark and must be submitted by the Command Career Counselor at the 13 month mark. This provides time for the Career Counselor to validate the Sailor's information and to ascertain the Sailors career intentions. The first C-Way review gate occurs from 13 to 10 months from SEAOS/EAOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 9 to 7 months from SEAOS/EAOS with career choice options of conversion and Selected Reserve. From 6 months to 3 months to SEAOS/EAOS the Sailor can only choose Selected Reserve affiliation.
- Monthly reenlistment quotas are limited and must be reserved for our best and brightest Sailors who desire to Stay Navy. Sailors must choose one of the following based on their desires and qualifications:
 - Reenlist-in-Rate,
 - Reenlist-in-rate, Willing to Convert
 - Convert only
 - SELRES option
 - Intend to separate
 - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on SEAOS/EAOS applications more quickly for eligible ratings. This changed the monthly processing of reenlistment applications as described below.

- If you are in an "open" rating or a "balanced" rating in an undermanned year group or an E-6, you are eligible for reenlistment, and your application is submitted with correct data it will be auto-approved and returned immediately, and you can reenlist.
- If you are in a "competitive" rating or a balanced rating but not an undermanned year group, then your application will be processed through the monthly Rack and Stack process. Applications submitted in one month are processed in Rack and Stack the following month.
- For Nuclear ratings, all applications are reviewed by enlisted community managers on an ongoing basis throughout the processing month.
- If required data is missing (evaluations, Physical Fitness Assessment (PFA) data, security clearance etc.) the application will be denied with a note to your career counselor regarding what needs to be fixed. It is critical the Command Career Counselor reviews these notes to ensure Sailor's are not disadvantaged in their opportunities for retention.
- Upon completion of the monthly process, Career Waypoints results will be available to command users via the Monthly report section of the Career Waypoints system.
- Additional guidance MILPERSMAN 1440-060, NAVADMIN 149/13, NAVADMIN 150/13, and your Career Counselor

TRANSFER:

<u>15 Months</u>	<u>12 Months</u>	<u>9 Months</u>	<u>6 Months</u>	<u>Orders Received</u>
Career Waypoint_____	Career Waypoint_____	Career Waypoint_____	Accept Orders_____	Screening_____
Exception Family Member_____	EFM_____	CMS/ID_____	Reverse Sponsor_____	Obligate_____
CMS/ID_____	CMS/ID_____	SRB_____	Relocation (FFSC) _____	Bonus_____
Continuous Overseas Tours (COT) _____			Medical/Dental_____	
Overseas Tour Extension Incentive Program (OTEIP) _____			SRB_____	

For additional assistance in transfer and relocation, go to the Military HOMEFRONT website:
<http://www.public.navy.mil/bupers-npc/Pages/default.aspx> and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE:

<u>18 -12 months</u>	<u>6 months</u>	<u>90 days</u>	<u>30 days</u>
Transition GPS _____	MED/DEN _____	Copy of Records_____	Copy of Records _____
Complete DD2648PSD_____	Relocation _____	Microfiche CD_____	PSD_____
Transition Planning_____	Relocation Services (FFSC) _____	Arrange Ceremony_____	MED/DEN _____
	Reserve Affiliation_____	Request Leave / PTDY _____	
	VA/DVA_____		

PHYSICAL FITNESS:

Participate in a year-round physical fitness program to meet Navy fitness and BCA standards. Review and verify accuracy of PFA data in PRIMS within 60 days of the PFA cycle. (PRIMS is accessible through your BUPERS Online Account)

Height_____ Weight_____ If Required (Neck_____ Waist_____ Hips (Female) _____ BCA _____)

Last 2 PRT Cycles: Curl-ups_____/_____/_____ Push-ups_____/_____/_____ Run/Swim/Cardio_____/_____/_____ Overall Score_____/_____/_____

List date (if) any PRT/BCA failure(s) over the last 5 years _____/_____/_____ List if any Medical Waiver(s)_____/_____/_____

For more information on Navy Fitness, visit: <http://www.navyfitness.org/>

PROFESSIONAL MILITARY EDUCATION

(Resident and non-resident coursework designed to enhance a Sailor's general military professional knowledge and abilities)

EDUCATION: (Prior to considering any pursuit of off duty education or program enrollment VISIT YOUR NAVY COLLEGE OFFICE or call the Virtual Education Center (VEC)!!!)

Education Plan Completed (Navy College Office/VEC _____) Current Education Level _____

Degree Goal _____

Various distance learning degree options are available using, Sailor and Marine Online Academic Advisor (SMOLAA)

Goal: Date: AA/AS _____ BA/BS _____ Master _____
(Credits to earn a degree - AA/AS: 60 SH/90 QH, BA/BS: 120 SH/180, QH, Master /Doctorate: Variable based on program)

Number of current credits _____ American Council on Education (ACE) recommended credits _____

SOC DNS Agreement _____ Joint Service Transcripts (JST) _____ HS Transcripts _____ College Transcripts _____

Date Degree Obtained: AA/AS _____ BA/BS _____ Master _____ Doctorate _____

For entry into JST, send official transcripts to:
Naval Education and Training Professional Development and Technology Center
Attn: JST Operation Center N615
6490 Saufley Field Road
Pensacola, FL 32509
Phone: 1-877-838-1659
Comm: 757-492-4684
FAX: 757-492-5095
DSN: 492-4684
Email: VEC@navy.mil

VOLUNTARY EDUCATION (Study guides and exam preparations and practice test located on NKO)

Academic skills _____ NCPACE _____ CLEP _____ DSST _____ TA _____ MGIB _____ Post 9/11 GIB _____

E4 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Petty Officer Second Class Selectee Leadership Course - Phase One	Command Delivered	CPPD-LEAD-09-002	16 hours	
Petty Officer Second Class Selectee Leadership Course - Phase Two	Command Delivered	CPPD-LEAD-09-002	10 hours	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2016 (Standardized Core Training)¹				
Antiterrorism Level I Awareness	NKO/Command Delivered	CENSECFOR-AT-010-1.0		
Combating Trafficking in Persons General Awareness	NKO/Command Delivered	DOD-CTIP-1.0		
Counterintelligence Awareness and Reporting	NKO/Command Delivered	DOD-CIAR-1.0		
Cyber Awareness Challenge V3	NKO/Command Delivered	DOD-IAA-V13.0		
Operations Security (Uncle Sam's OPSEC)	NKO/Command Delivered	NIOC-USOPSEC-2.0		
Privacy and Personally Identifiable Information	NKO/Command Delivered	DOD-PII-2.0		
Records Management	NKO/Command Delivered	DOR-RM-010-1.1		
Sexual Assault Prevention and Response Awareness (SAPR)	Command Delivered	CPPD-GMT-SAPRA-1.0 CC		
Equal Opportunity/Sexual Harassment/Grievance Procedures ²	Command Delivered	CPPD-GMT-EOSH-1.0		
Suicide Prevention	Command Delivered	CPPD-GMT-SAP-1.0		
Required General Military Training Topics For FY 2016 (Command-Assigned Readiness –Enhancement topics; biennial periodicity)³				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Domestic Violence Prevention and Reporting	NKO/Command Delivered	CPPD-GMT-DV-1.0		
Sexual Health and Responsibility	NKO/Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		

1 - Verify GMT topics on NKO GMT web page.

2 - Course should be delivered in conjunction with SAPR. If not practicable, separate training is still required.

3 - Topics to be delivered once per deployment cycle. If deployment cycle is not applicable or exceeds two years between deployments, then deliver once every two years.

E4 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Mission Related Area Studies				
Basic SCI Systems User Course	NKO	ONI-SSO Navy		
Individual Language Training Plan				

E4 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Leadership Core Continuum (LCC)	Command Delivered	CPPD10-LCC (Series)	6 hours	
Military Requirements for Petty Officer Third and Second Class (EDITION 1/1/2001)		NAVEDTRA 14504		
Introductory Enlisted Professional Military Education (IEPME)	NKO	Military DON/ PME	18 hours	
Block 1 Introductory EPME - Introduction	NKO	IEPME-INTRO-B1-V2	-	
Block 2 Introductory EPME - History and Traditions	NKO	IEPME-INTRO-B2-V2	3 hours	
Block 3 Introductory EPME - Enlisted Professionalism	NKO	IEPME-INTRO-B3-V2	3 hours	
Block 4 Introductory EPME - Policy and the Navy	NKO	IEPME-INTRO-B4-V2	3 hours	
Block 5 Introductory EPME - Planning for Operations	NKO	IEPME-INTRO-B5-V2	3 hours	
Block 6 Introductory EPME - Regional and Cultural Awareness	NKO	IEPME-INTRO-B6-V2	3 hours	
Block 7 Introductory EPME - Technology in the Maritime Domain	NKO	IEPME-INTRO-B7-V2	3 hours	
Block 8 Introductory EPME - Conclusion	NKO	IEPME-INTRO-B8-V2	-	
Cultural Awareness	NKO or College Course	Foreign Language and Culture	45 hours	
English 101	College Course		45 hours	
English Reading	College Course		45 hours	
English Writing	College Course		45 hours	
Math	College Course		45 hours	
Speech	College Course		45 hours	
Navy Reserve Fundamentals for Active Duty Course	NKO	NAVRESFOR-NRF-3.0	10 hours	
Nutrition	NKO	NMHCI2107V2.1	1 hour	
Personal Financial Management	NKO	CPD-PFM-1.0	8 hours	
PREVENT	Command Delivered	S-501-0150	24 hours	
Recommended General Military Training Topics For FY 2016 (Delivery determined by command discretion) ¹				
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management	NKO/Command Delivered	CPPD-GMT-ORM-1.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM16-1.0		
Physical Readiness	NKO/Command Delivered	CPPD-GMT-PRT-2.0		

1 - Verify GMT topics on NKO GMT web page.

Courses with Recommended Reserve Points:

Commander Navy Reserve Forces (CNRF) N7 determines the number of reserve points awarded for completion of a course taken on Navy E-Learning. This listing should only be used as a guide and is subject to change by direction of CNRF N7.

Navy E-Learning has no control over how many, if any, reserve points are eventually awarded for the completion of a course. All questions concerning the award of reserve points should be directed to CNRF N7.

E4 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
NROWS Orders Administration Course	NKO	R-500-0140/02PG /DoN	8 hours	
Naval Reserve Center Commanding Officer Officer In Charge	NKO	CNRF-COOIC-1.0 /DoN	8 hours	
Guidance for Mobilization	NKO	CNRF-COOIC-1.1 /DoN	4 hours	
Military Sealift Command 101	NKO	CNRF-COOIC-1.1 /DoN 1.1	24 hours	
Non-Prior Service Accession Program	NKO	CNRF-COOIC-2 /DoN 0	23 hours	

E4 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
SIGINT Standards self-assessment guide	NSANET	NSA/CSS ISR PMO		
NWP 5-01 Navy Planning	Local/Online	NWP 5-01		
SIGINT Development (SIGDEV) Tools	Local/Online			
SIGINT Emitter Discover base/SEDB	Local/Online			
Introduction to Traffic Analysis	Local/Online	TRAF1105		
DOD Joint Security Implementation Guide	Local/Online	DJSIG		
DOD Language Testing Program	Local/Online	DODI 5160.71		
DRT and appendices (CDMA, GSM, INMARSAT, DTMF BETA, THURAYA)	Local/Online			
HITS User Manual	Local/Online			
USMTF	Local/Online			
Identities in SIGINT Manual	Local/Online	ICD/TCS 705		
Global Augmentation Policy	Local/Online			
United States SIGINT Intelligence Directives: SP series: 0001 CR series: 1104, 1221, 1282, 1300, 1400, 1423, 1600 SD series: 4000, 4210 DA series: 3201, 3385, 3495, 3625, 3655, 3857 SE series: 2000, 4200 SG series: 5000	NSANET			

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Reading Program is to facilitate the professional and personal development of all Sailors. For additional information on changes, refer to NAVADMIN 309/12 or visit <http://navyreading.dodlive.mil/> or <http://navy.lib.overdrive.com/> or <https://wwwa.nko.navy.mil>

ESSENTIAL READING

WARFIGHTING FIRST	Completed
1812: The Navy's War by <i>George C. Daughan</i>	
Cybersecurity and Cyberwar: What Everyone Needs to Know by <i>P.W. Singer</i>	
SEAL of Honor by <i>Gary Williams</i>	
Leading with the Heart by <i>Mike Krzyzewski, Donald T. Phillips, and Grant Hill</i>	
The Twilight War by <i>David Crist</i>	
Wake of the Wahoo by <i>Forest J. Sterling</i>	
OPERATE FORWARD	Completed
The Crisis of Islam by <i>Bernard Lewis</i>	
Execute Against Japan by <i>LT Joel Holwitt, USN</i>	
Monsoon by <i>Robert Kaplan</i>	
Neptune's Inferno by <i>James D. Hornfischer</i>	
Red Star Over the Pacific by <i>Toshi Yoshihara and James Holmes</i>	
Fallout by <i>Catherine Collins and Douglas Frantz</i>	
BE READY	Completed
A Sailor's History of the U.S. Navy by <i>Thomas Cutler</i>	
In the Shadow of Greatness by <i>Joshua Welle, John Ennis, Katherine Kranz and Graham Plaster</i>	
Navigating the Seven Seas by <i>Melvin G. Williams, Sr. and Melvin G. Williams, Jr.</i>	
The Trident: The Forging and Reforging of a Navy SEAL Leader by <i>Jason Redman and John Bruning</i>	
Turn the Ship Around by <i>David Marquet</i>	
Wired for War by <i>P.W. Singer</i>	

Twenty-four additional books are categorized as "recommended reading," and are available as electronic books (e-books). Many can be downloaded at no cost through the Navy general library program site on Navy Knowledge On-line (NKO).

The entire list, with book summaries and additional information is available at <http://navyreading.dodlive.mil/>

The CNO-PRP has been streamlined to make our Navy's reading program more interactive, affordable, and wherever possible, electronically accessible. To that end: a number of the titles will be available for free at the NKO portal at <https://wwwa.nko.navy.mil>.

- Click on the reference tab, then e-library audio and e-books tab.
- In order to download books, an "overdrive" account is required. On the top right, click on the overdrive window and follow the prompts.
- Then, not only are the PRP books available, but also hundreds of other items.

Note: Security restrictions preclude downloading via Navy owned computers, so downloading them to personally-owned devices will be required.

E4 RECOMMENDED COMMUNITY READING

Title	Completed
The Deceivers <i>by John Masters</i>	
Miracle at Midway <i>by Gordon Prange, Donald Goldstein, and Katherine Dillon</i>	
The Puzzle Palace: A Report on America's Most Secret Agency <i>by James Bamford</i>	
Body of Secrets <i>by James Bamford</i>	
The Hunt For Red October <i>by Tom Clancy</i>	
A Matter of Accountability: The True Story of the Pueblo Affair <i>by Trevor Armbrister</i>	
Assault on the Liberty <i>by James Ennes</i>	
For the President's Eyes Only: Secret Intelligence and the American Presidency from Washington to Bush <i>by Christopher M. Andrew</i>	
MacArthur's ULTRA: codebreaking and the war against Japan <i>by Edward J. Drea</i>	
Double-edged secrets: US naval intelligence operations in the Pacific during World War II <i>by W. J. Holmes</i>	
Seizing the enigma: the race to break the German U-boat codes <i>by David Kahn</i>	
And I was there: Pearl Harbor and Midway--breaking the secrets <i>by Edwin T. Layton</i>	
The Hut Six story: breaking the Enigma code <i>by Gordon Welchman</i>	
Computer cryptology: beyond decoder rings <i>by Karl Andreassen</i>	
Behind the battle: intelligence in the war with Germany <i>by Ralph Bennett</i>	
Hitler's Japanese confidant: General Oshima Hiroshima and MAGIC intelligence <i>by Carl Boyd</i>	
Codebreakers: the inside story of Bletchley Park <i>by F. H. Hinsley</i>	
Blind Man's Bluff: The Untold Story of American Submarine Espionage <i>by Sherry Sontag and Christopher Drew</i>	



ALL PAYGRADES VOLUNTARY EDUCATION



Note: Prior to considering any pursuit of off duty education or program enrollment visit your Navy College Office or call the Virtual Education Center (VEC).

You must complete the Tuition Assistance Workshop before your first course will be approved.

**E1- E6: The workshop is available at your Navy College Office
E-7 and above: The Workshop is available at your Navy College Office
or
Complete the online course at the Navy College Website**

How do I get started?

You already have. All your training up to this point is part of your Cryptologic Technician - Interpretive Roadmap. Now that you have made the first steps you will need to sit down and formulate a plan. This plan will work best if you start out discussing your options with your Leading Chief Petty Officer, Leading Petty Officer, Mentor, or Career Counselor. They will help you understand all of the basics. Then your next stop is your Navy College Office. The counselors there will be able to help you formalize your plan and make sure that it makes sense for both you and the Navy. To aid you in your conversation with these professionals, here are a few questions that you may want to ask.

What credits do you have? What non-college courses have you taken? Where do you want to go? What field of study, or what kind of degree? What program will help me get there, Traditional or Online, What are my next steps: Transfer credits, Take exams, Have experience evaluated, Then lastly sign up for new courses?

RECOMMENDED OCCUPATIONAL-RELATED ASSOCIATE'S DEGREE FOR CTI

Recommended Associates' degrees for the Seaman
Defense Language Institute Foreign Language Center AA Degree

RECOMMENDED OCCUPATIONAL-RELATED BACCALAUREATE/MASTERS DEGREE FOR CTI

Recommended Bachelors/Masters degrees for the Seaman
Any language related Bachelor's Degree

GENERAL INFORMATION ON VOLUNTARY EDUCATION

The Navy College Program & Web Page:

The Navy College Program (NCP) provides opportunities to Sailors to earn college degrees by providing academic credit for Navy training, work experience, and off-duty education. The NCP mission is to enable Sailors to obtain a college degree while on active duty. In support of the four R's- Recruiting, Readiness, Retention, and Respect, the NCP signifies Navy's commitment to education by improving enlistment appeal, demonstrating Navy service and achieving a college degree are compatible, helping Sailors apply themselves to new situations and challenges and better preparing them for advancement, building up Sailors' self-image, and producing higher quality Sailors. More information is available online at: <https://www.navycollege.navy.mil>

Navy College Program Distance Learning Program (NCPDLP)

The Navy College Program (NCP) has developed partnerships with colleges and universities to offer rating relevant degrees via distance learning to Sailors everywhere. These new education partnerships provide associates and bachelors degree programs relevant to each rating, and make maximum use of military professional training and experience to fulfill degree requirements. The program also provides opportunities to take courses through distance learning so that Sailors anywhere will be able to pursue a degree. Courses are offered in a variety of formats, such as CD-ROM, videotape, paper, or over the Internet. Contact your Navy College Office or the Navy College Center about degree programs available from your partnership schools.

Servicemembers Opportunity College Degree Network System (SOC DNS):

The SOC DNS consists of accredited colleges offering specific associate's and bachelor's degrees (while limiting academic residency) to Sailors, Marines, Soldiers and members of the Coast Guard worldwide. Colleges taking part in each curriculum area guarantee acceptance of one another's courses as identified by SOC DNS Course Category Codes. The "home" college (the SOC DNS college from which the student wishes to graduate) issues an official Student Agreement to all eligible students after the completion of the sixth semester hour and a complete evaluation of the servicemember's prior learning, including courses from other colleges and universities, military training and occupational experience, nationally-recognized tests, and other non-traditional credit. The SOC DNS Student Agreement is a contract-for-degree that protects the eligible student from changes to his or her degree program. It is a comprehensive long-range degree plan that lists all of the course requirements, but does not require that all courses be taken with that college. More information is available online at: <http://www.soc.aascu.org/socdns/>

Tuition Assistance (TA):

TA provides funds for eligible active-duty personnel to attend approved educational institutions on an off-duty basis to earn a high school diploma, vocational/technical certificate, or college degree. TA pays for tuition and fees directly associated with the course of instruction. TA will pay for the following amounts per fiscal year: 16 semester hours, not-to-exceed \$250/credit or 24 quarter hours, not-to-exceed \$166.67/credit or 240 clock hours (CH), not-to-exceed \$16.67/CH or a combination of semester and quarter hours.

Joint Service Transcripts (JST)

JSTs are official military transcripts which are used by colleges to validate your actual credited training. Every Sailor has a transcript already and access to it is free. More information is available online at: <https://jst.doded.mil/>

The American Council on Education (ACE)

ACE has reviewed every course listed in the OCCUPATIONAL Roadmap and determined what type of collegiate level credit is recommended. The ACE identifier, listed with each course, is a source to validate the information and to check for changes as they occur. Updates can be found at <http://www.militaryguides.acenet.edu>.

Vocational Certificates

Vocational Certificates are available from most community colleges. Most of your military training can be counted toward their degree programs, but they will still require residency credits and approximately 40-75 credit hours. These certificates can be as valuable as the apprenticeship program in the civilian work force.

College credits by Testing CLEP, DSST

Testing can replace the requirement to attend most of the college courses listed in the Occupational Roadmap. Base Education Centers offer CLEP and DSST exams for active duty military at no cost. They also offer a comprehensive list of "credit-by-exam" tests. Additionally, many of the tests have study guides available. These tests are available at the base education center or through the base library system.

DANTES (DSST) http://www.dantes.doded.mil/DANTES_WEB/EXAMINATIONS/DSST.htm

CLEP Exams <http://www.collegeboard.com/student/testing/clep/about.html>

SAMPLE DEGREE PLAN



**University of Hawai‘i at Mānoa – Four-Year Academic Plan
Colleges of Arts and Sciences
Bachelor of Arts (BA) in Chinese**

SAMPLE

This is a sample academic plan. Students should meet with an academic advisor prior to registration to formulate their own plan.

Year 1		Year 2		Year 3		Year 4	
Fall		Fall		Fall		Fall	
CHN 101*	4	CHN 201	4	CHN 301	4	CHN 401	4
FW (or FS)	3	DB (or DP)	3	EALL Group (DL)	3	CHN 461	3
FG (A/B/C)	3	DY	1	Elective	3	CHN Elective 300+	3
DS	3	Elective	3	Elective	3	Elective 300+	3
Elective	2	Elective	3	Elective	3	Elective	1
		Elective	1				
Credits	15	Credits	15	Credits	16	Credits	14
Spring		Spring		Spring		Spring	
CHN 102	4	CHN 202	4	CHN 302	4	CHN 402	4
FS (or FW)	3	DP (or DB)	3	CHN Survey (DH)	3	CHN Elective 300+	3
FG (A/B/C)	3	Elective	3	Elective 300+	3	CHN Elective 300+	3
DS	3	Elective	3	Elective 300+	3	Elective 300+	3
Elective	2	Elective	3	Elective	3		
Credits	15	Credits	16	Credits	16	Credits	13
Summer		Summer		Summer		Summer	
Credits	0	Credits	0	Credits	0	Credits	0
Total Credits	30	Total Credits	61	Total Credits	93	Total Credits	120

Notes:

*Students may progress more quickly through their foreign language sequence by taking a placement exam and/or summer courses. Students must incorporate all focus requirements into this plan. Focus designations (i.e., W, E, O, H) are CRN specific & semester specific. Minimum 45 upper division (300+ course) credits are required.

SAMPLE

REFERENCES

Navy Enlisted Learning and Development Programs:

- Learning and Development Roadmap for Enlisted Sailors, OPNAVINST 1500.77(series)
- Navy Enlisted Retention and Career Development Program, OPNAVINST 1040.11(series)
- Career Counselor Handbook, NAVPERS 15878K
- Command Sponsor and Indoctrination Programs OPNAVINST 1740.3(series) (Sponsor assigned within 10 days of orders received / Indoctrination completed as soon as possible and practicable but NLT 90 days)
- Command Sponsorship of Dependents at Overseas Duty Stations MILPERSMAN 1300-150 to 1300-210
- Guaranteed Assignment Retention Detailing Program (GUARD 2000), MILPERSMAN 1306-1002/1004
- Navy Enlisted Warfare Qualification Programs OPNAVINST 1414.9 (series)
- Master Training Specialists (MTS) Program NETCINST 1500.2(series)
- Command Master Chief Program OPNAVINST 1306.2 (series)

Reenlistments and Extensions:

- Agreement of Enlisted Naval Reservist, and Fleet Reservists Inductees to Remain on Active Duty MILPERSMAN 1160-060
- Extension of Enlistments MILPERSMAN 1160-040
- Overseas Tour Extension Incentives Program (OTEIP) MILPERSMAN 1306-300
- Consecutive Overseas Tours (COT) Leave Travel Entitlement Policy MILPERSMAN 1050-410
- Perform to Serve (PTS) MILPERSMAN 1440-060
- Reenlistment Ceremony MILPERSMAN 1160-020
- Leave of Military Personnel MILPERSMAN 1050-040
- Required Counseling Upon Enlistment and Reenlistment MILPERSMAN 1160-031
- Selective Reenlistment Bonus (Use Latest SRB NAVADMIN)
- Selective Training and Reenlistment (STAR) Program MILPERSMAN 1160-100
- Assignment to School as a Reenlistment Incentive MILPERSMAN 1306-1006

Fleet Reserve and Retirements:

- Casualties and Survivor Benefits (SBP) MILPERSMAN 1770-010 to 1770-280 OPNAVINST 1750.5(Series)
- Disability Retirement MILPERSMAN 1850-010 to 1850-040
- Fleet Reserve and Retirement MILPERSMAN 1800-010 to 1800-070
- Privately Owned Vehicle (POV) Shipment Entitlement Policy and Household Goods (HHG) Shipment and Storage Entitlement Policy MILPERSMAN 4050-010 to 4050-020
- Permissive Temporary Duty (PTDY) Authorization for Job/House Hunting MILPERSMAN 1320-220
- Transition Assistance Management Program (TAMP) OPNAVINST 1900.2(series) (Initiate a DD-2648-1 NLT 90 Days Prior to Separation and attend workshop 12 months prior to separation/Fleet Reserve/Retirement date)

Enlisted Administrative Separations:

- Separation by Reason of Alcohol Rehabilitation Failure MILPERSMAN 1910-152
- Separation by Reason of Misconduct -Drug Abuse MILPERSMAN 1910-146
- Separation by Reason of Convenience of the Government -Early release to further education MILPERSMAN 1910-108
- Administrative Separation (ADSEP) Policy and General Information MILPERSMAN 1910-010 to 1910-812
- Fraudulent Enlistment MILPERSMAN 1910-134
- High Year Tenure (HYT) MILPERSMAN 1160-120
- Misconduct (various reasons) MILPERSMAN 1910-138/140/142
- Department of the Navy (DON) Policy on Parenthood and Pregnancy SECNAVINST 1000.10(series) & MILPERSMAN 1910-124
- Separation by Reason of Convenience of the Government -Personality Disorder MILPERSMAN 1910-122
- Separation by Reason of Physical Fitness Assessment (PA) Failure MILPERSMAN 1910-170
- Separation by Reason of Misconduct - Commission of a Serious Offense MILPERSMAN 1910-142
- Separation by Reason of Unsatisfactory Performance MILPERSMAN 1910-156

Advancement & Service Schools:

- Advancement Manual for Enlisted Personnel of the U.S. Navy and U.S. Navy Reserve BUPERSINST 1430.16(series)
- Accelerated Advancement of Recruit Training Class "A" School Graduates, and Ceremonial Guard MILPERSMAN 1430-010
- Enlisted to Officer Commissioning Program Application & Administration Manual OPNAVINST 1420.1(series)
- Service Schools MILPERSMAN 1306-600/602/604/608
- Class "A" School & Rating Entry Requirements MILPERSMAN 1306-618
- Retesting with Armed Forces Classification Test (AFCT) version of the Armed Services Vocational Aptitude Battery (ASVAB) MILPERSMAN 1236-010
- Professional Apprenticeship Tracks Program (PACT) NAVADMIN 318/07

Education:

- Joint Chiefs Professional Military Education (PME) Manual 1805.01
- Voluntary Education (VOLED) for Navy Sailors OPNAVINST 1560.9(series)
- Navy Voluntary Education Program NETCINST 1560.3(series)
- Navy Credentialing Programs OPNAVINST 1540.56
- Administration of the United Services Military Apprenticeship Programs (USMAP) OPNAVINST 1560.10(series)

Other Quick References:

- Awards Manual (SECNAVINST 1650.1(Series))
- Change in Rating MILPERSMAN 1440-010 to 1440-040
- Department of the Navy Correspondence Manual (SECNAV M-5216.5)
- Navy Alcohol and Drug Abuse Prevention and Control OPNAVINST 5350.4(series)
- Exchange of Duty (SWAPS) MILPERSMAN 1306-700
- First-Term Personnel Assignment Policy MILPERSMAN 1306-126
- Individual Augmentation (IA) Policy and Procedures OPNAVINST 1001.24(series)
- Military Couple and Single Parent Assignment Policy MILPERSMAN 1300-1000
- Military Pay MILPERSMAN 7220-010 to 7220-410
- Navy Performance Evaluation System BUPERSINST 1610.10 (Series)
- Overseas Extensions MILPERSMAN 1300-310
- Physical Readiness Program OPNAVINST 6110.1(series) / MILPERSMAN 6100-6199
- Reassignment for Humanitarian Reasons (HUMS) MILPERSMAN 1300-500
- Standardization Policy and Procedures for the Active Duty for Special Work (ADSW) Program OPNAVINST 1001.20(series)
- Operational Risk Management OPNAVINST 3500.39C
- Personnel Qualification Standards (PQS) Catalog NAVEDTRA 43100-6M