Fire Controlman Aegis (FCA)

April 2021

LaDR
NAVY LEARNING and DEVELOPMENT ROADMAP

Introducing

OARS
OCCUPATIONAL ADVANCEMENT REQUIREMENT STANDARDS

MyNAVYHR
Serving Sailors 24/7

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.

CAREER ROADMAP

Seaman Recruit to Master Chief Roadmap

The educational roadmap below will assist Sailors in the Fire Controlman Aegis community through the process of pursuing professional development and advanced education using various military and civilian resources e.g. PQS program; JST Joint Service Transcript; E-Learning; Navy College Network; 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 Fire Controlman Aegis?

Fire Controlman Aegis 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 Fire Controlman Aegis roadmap includes the four areas encompassed by the Continuum in Professional Military Education to include; Navy Professional Military Education (NPME), Joint Professional Military Education (JPME), Leadership and Advanced Education.

Some training and education is mandatory (Recruit Training, FC “A” School at Naval Station Great Lakes, IL, E-Learning, etc.). Some may be directed by your chain of command (Microsoft Excel and PowerPoint courses), and the remainder is voluntary (MNP, 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 Navy College Virtual Education Center (VEC) or OCONUS Education Office's vast resources. All are uniquely qualified to help you along the way.

Notes:

FC-Aegis CAREER PATH
(SW)

Fire Controlmen (Aegis) (FCA). FCAs are technicians responsible for the operation, maintenance, testing, troubleshooting and repair of: RADAR, computers, networks, data display systems and integrated weapons system components. The Aegis Weapon System provides theater, air and sea missile defense. Aegis technicians are knowledgeable in basic electronics, digital fundamentals, synchros, servos, RADAR principles, the fire control problem and computer fundamentals. Aegis technicians serve on both Ticonderoga Class Cruisers and Arleigh Burke Class Destroyers. They include BMD/SPY RADAR, FCS/ORTS, Q21 Display, UYK-43 Computer and Aegis Network technicians.

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
28-30	FCACM	25 Yrs	CSEL, Enlisted Comm. Mgr.	36	4th Shore Tour Billet: ECM/TECHAD, CSMM Instructor, RMC Lead, Training Manager, Evaluator, Ship Sup. Duty: BUPERS, ATRC/ CSCS, TSC, FFC, ATG, USFCC, SURLANT/PAC. Qualification: ATS, MTS
24-28	FCACM FCACS	25 Yrs 18.6	CSEL	48	4th Sea Tour/Aegis Ashore (BMD), DESRON Billet: CSMM/Dept LCPO/CSSE. Duty: CG/DDG Qualification: FADWC, CSTT Leader
21-24	FCACM FCACS FCAC	25 Yrs 18.6 16.9	CWO, CSEL, Instructor, RDC, Recruiter, Enlisted Comm. Mgr., Detailer, Senior Enlisted Academy	36	3rd Shore Tour Billet: ECM/TECHAD, Fire Control Administrator, Training Supervisor, Tech Rep, Lead Instructor, Company Commander, System Development/Evaluation. Duty: BUPERS, ATRC, CSCS, OPTEVFOR, USFCC, SURFPAC/LANT, ATG. Qualification: ATS, MTS
17-21	FCACS FCAC FCA1	18.6 Yrs 16.9 8.2	CWO, CSEL, Aegis Ashore, Senior Enlisted Academy	48	3rd Sea Tour/Aegis Ashore (BMD), DESRON Billet: CSMM, DLCPO/CSSE, LCPO, AWS TECH. Duty: DDG/CG Qualification: CSC, CSOOW, AWS, BMDO, AAWC, ITT, CSTT Technical Leader
14-17	FCACS FCAC FCA1	18.6 Yrs 16.9 8.2	LDO, CWO, Instructor, RDC, Recruiter, Detailer	36	2nd Shore Tour Billet: Course Supervisor, Instructor, RDC, Recruiter, Tech Rep, Trainer. Duty: ATRC/CSCS, SCSC, RMC, ATG, NRD. Qualification: MTS, ATS

Revised: December 2019

FC-Aegis CAREER PATH
(SW)

YEARS OF SERVICE	CAREER MILESTONES	AVERAGE TIME TO PROMOTE	COMMISSIONING OR OTHER SPECIAL PROGRAMS	SEA/SHORE FLOW	TYPICAL CAREER PATH DEVELOPMENT
9-14	FCAC FCA1 FCA2	16.9 Yrs 8.2 3.9	LDO, CWO, OCS, MECP, Aegis Ashore	60	2nd Sea Tour/Aegis Ashore (BMD) Billet: LPO, LCPO, AWS Tech., Maintenance Tech. Duty: CG, DDG. Qualification: CSC, CSOOW, AWS, AAWC, BMDO, OOD I/P, CSTT, ATTT, ITT
6-9	FCA1 FCA2	8.2 Yrs 3.9	STA-21, OCS, MECP, Instructor, RDC, Recruiter	36	1st Shore Tour Billet: Instructor, RDC, Recruiter, Maintenance Tech. Duty: ATRC/CSCS, SCSC, TSC, NRD, RTC. Qualification: MTS, ATS
2-6	FCA2 FCA3	3.9 Yrs 1.6	Naval Academy, STA-21	60	1st Sea Tour Billet: Maintenance Tech. Duty: CG, DDG. Qualification: WCS, Area Supervisor, CSMC Watch, MSS, RSC, CSTT, ATTT, POOW, ESWS, CSOOW
1+/-	FCASN FCASA	11 Months			Recruit Training, “A” and “C” Schools

Notes:

1. “A” School and Security Clearance is required.

2. Must attend an Aegis “C” school and possess an Aegis Navy Enlisted Classification.

3. Deployable Sea and Land components located in the 7th Fleet AOR, 6th Fleet AOR and 5th Fleet AOR are extremely arduous, with deployable units being out of homeport well above CONUS average.

4. Aegis manning structure aboard a ship limits opportunity to serve in Leading Petty Officer positions.

5. Instructor Duty and Training Support Center billets can prevent a member from being in a leadership position. This fact is due to the sheer number of Chief Petty Officer and First Class billets at schoolhouses/TSC.

6. Billet base for AEGF E5 imbalanced for shore duty, which may preclude a Sailor’s opportunity for an in-rate shore tour. Incentives are in place to increase E5 to E9 manning at sea. Sailors electing to stay at sea might not follow normal sea-shore flow.

7. Tours at NPC and BUPERS require special screening and are highly competitive in nature.

8. Aegis Ashore Billets count as Sea Duty.

9. Typically, though not mandatory, an Aegis FC can expect to do one overseas tour in a career whether as FDNF or Aegis Ashore. They can also expect to do a shore tour in Dahlgren, VA.

Suggested (not mandatory) Career Milestones to Attain Combat Systems Maintenance Manager (CSMM):

1. SEA 1 (approximately 7 years of service upon completion).

a. Advance to E-5 (or E-6 for top performers).

b. Qualify: 3M Maintenance Man, 3M Work Center Supervisor, CSOSS Technician, CSOSS Area Supervisor, Combat Systems Training Team (CSTT) Initiator/Evaluator, Combat Systems Maintenance Central, RADAR Systems Controller, Missile Systems Supervisor, Computer/Display Technician, ACNT Technician, CSOOW.

c. Purpose: These qualifications are part of the overall picture required for a Departmental Leading Chief Petty Officer (DLCPO). Each represent the building blocks necessary for a future DLCPO to take the next step as the technical expert, whether it be teaching a "C" school on SHORE 2 or being an Aegis Weapon Systems Supervisor (AWS) on SEA 2.

2. SHORE 1 (approximately 10 years of service upon completion)

a. Advance to E-6
b. Maintenance Technician, In-Rate Instructor
c. Purpose for these duties:

(1) Hone the Journeyman and leadership skills and experiences required to maintain maximum operational capability of the Combat System.

(2) First shore tour has been identified as the most flexible of all shore assignments and presents the optimal time for special program assignments.

(a) Qualify: Master Training Specialist (MTS) if assigned to instructor duty
(b) Attend Aegis Weapon Systems Supervisor (AWS) "C" School for appropriate element

3. SEA 2 (approximately 15 years of service upon completion)

a. Advance to E-6/E-7/E-8 (Top Performers)
b. Dept LCPO (Top Performers), Element AWS Technician, CF Div (AWS) LCPO
c. Qualify: Combat Systems Officer of the Watch, Combat Systems Coordinator, BMDO, Department 3M Officer, CSTT Evaluator/Qualifier.

(1) These qualifications and programs all fall under the knowledge responsibilities of a Department LCPO. A complete and up to date knowledge of these qualifications and programs are the keystone principals for the Sailor.

4. SHORE 2 (approximately 18 years of service upon completion)

a. Advance to E-7/E-8/E-9 (Top Performers)
b. RMC, In-Rate Instructor, Afloat Training Group (ATG), Tech Rep. Center for Surface Combat Systems
c. Attend Combat Systems Maintenance Manager "C" School and Combat Systems Senior Enlisted

5. SEA 3 (approximately 22 years of service upon completion)

a. E-8/E-9
b. Combat Systems Maintenance Manager/Dept. LCPO (DDG/CG)
c. Qualify: Anti Air Warfare Coordinator, TAO (AAMDS), CSTT Coordinator

6. SHORE 3 (approximately 25 years of service upon completion)

a. E-8/E-9
b. Center for Surface Combat Systems, Tech Rep. Lead, RMC Lead, ATG Lead

7. SEA 4 (approximately 29 years of service upon completion)

a. E-9
b. Combat Systems Maintenance Manager/Dept. LCPO (CG)
c. Command Master Chief (CMC)/Senior Enlisted Advisor (SEA)
d. Qualify: Force AAWC, CSTT Leader

8. Miscellaneous Notes:

a. Prerequisites to given qualifications have not all been added as listings.

b. Some qualifications and/or prerequisites are class specific therefore complete descriptions are not presented and are generalized.

In addition to the above career path, an FCA is advanced due to their proven leadership, qualifications and performance against competition, regardless of billet assigned.

Considerations for promotion from E6 to E7

1. Sea Assignments (all)
   - Aegis Manning structure aboard a ship limits opportunity to serve in LPO positions
   - Aegis Ashore Billets count as Sea Duty
   - Qualified (I/P) OOD, CSOOW, Duty Dept. Head; (U/W) CSOOW
   - Advanced Qualifications (I/P) ATTWO; (U/W) CSC, AAWC
   - Achieve ESWS Warfare qualification
   - Training Team member (CSTT Technical and Tactical) (ATTT and ITT)
   - Asst. Command Collateral for major program with documented impact
   - Active First Class Mess involvement with documented impact
   - Sailor 360 involvement, preferably leading a committee

2. Shore Assignments (all)
   - Billet base for FCA is imbalanced for shore duty, which may preclude opportunity for an in-rate shore tour
   - FC “A” or FC Aegis “C” School Instructor/Course Supervisor/CSCS Det./SCSC (MTS during tour); Advanced Qualification: Training Manager
   - TSC- Barracks LPO (NMTI with MTS during tour)
   - ATG (ATS during tour)
   - RMC Maintenance Technician with documented repairs
   - NPC (Detailer)
   - RDC (MTS during tour)
   - Enlisted Recruiter
   - Asst. Command Collateral for major program with documented impact
   - Active FCPOA involvement with documented impact
   - Sailor 360 involvement, preferably leading a committee

Considerations for promotion from E7 to E8

1. Sea Assignments (all)
   - Successful Divisional LCPO tour at an operational command
   - Achieve all Warfare qualifications available at command (Primary ESWS)
   - Qualified (I/P) Section Leader; (U/W) CSC
   - Advanced Qualifications (I/P) ATTWO; (U/W) AAWC, BMDO, TAO (AAMDS)
   - Training Team Lead (CSTT Technical and/or Tactical) (ATTT and ITT)
   - Command Collateral with documented impact
   - Active CPO Mess involvement with documented impact
   - Sailor 360 involvement and leading a committee

2. Shore Assignments (all)
   - FC “A” or FC Aegis “C” School Instructor/Course Supervisor/Training Manager/ CSCS Det./SCSC (MTS during tour); Advanced Qualification: Training Manager
   - TSC- Barracks LCPO (NMTI with MTS during tour)
   - Waterfront Trainer and Assessor ATG (ATS during tour)
   - RMC Maintenance Technician and Trainer
   - NPC (Detailer)
   - RDC (MTS during tour)

- Command Collateral with documented impact
- Active Mess/CPOA involvement with documented impact
- Sailor 360 involvement and leading a committee.
- Qualified Assessor, ACDO/CDO/SDO

Consideration for promotion from E8 to E9

1. Sea Assignments (all)
   - Successful as a Combat Systems Maintenance Manager/Departmental LCPO at an operational command
   - Achieve all Warfare qualifications available at command (Primary ESWS)
   - Qualified (I/P) Section Leader; (U/W) AAWC, BMDO, TAO (AAMDS)
   - Advanced Qualifications (I/P) CDO, Senior Enlisted Watch Bill Coordinator; (U/W) FADWC
   - Training Team Leader (CSTT Overall)
   - Major command collateral with documented impact
   - Active CPO Mess (with documented leadership and involvement)
   - Sailor 360 involvement and Leader/Coordinator

2. Shore Assignments (all)
   - FC "A" or FC Aegis "C" School Instructor/Course Supervisor/Training Manager/ CSCS Det./ SCSC (MTS during tour, MTS Program Coordinator); Advanced Qualification: Training Manager
   - TSC- Dept. LCPO (NMTI with MTS during tour)
   - Waterfront Trainer and Assessor ATG (Team Lead, ATS Program Coordinator, ATS during tour)
   - RMC Field Maintenance Technician with documented repairs
   - BUPERS (ECM/ TECHAD)
   - NPC (Lead Detailer)
   - RDC (MTS during tour)
   - SURFOR/PAC/LANT (Fire Control Administrator)
   - OPTEVFOR (System Development/Evaluation)
   - Major command collateral with documented impact
   - Active Mess/CPOA involvement with documented impact
   - Sailor 360 involvement and Leader/Coordinator
   - Qualified Assessor, ACDO/CDO/SDO/AOIC

FCA CAREER PATH
SELECTED RESERVE (SELRES)

Aegis Fire Controlmen are technicians responsible for the operation, maintenance, testing, troubleshooting and repair of: RADAR, computers, networks, data display systems and integrated weapons system components. The Aegis Weapon System provides theater, air and sea missile defense. Aegis technicians are knowledgeable in basic electronics, digital fundamentals, synchros, servos, RADAR principles, the fire control problem and computer fundamentals. Aegis technicians serve on both Ticonderoga Class Cruisers and Arleigh Burke Class Destroyers. They include BMD/SPY RADAR, FCS/ORTS, Q21 Display, UYK-43 Computer and Aegis Network technicians.

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24-28	FCACM FCACS	25 Yrs 18.6	CSEL	48	4th Sea Tour/Aegis Ashore (BMD), DESRON Billet: CSMM/Dept LCPO/CSSE. Duty: CG/DDG Qualification: FADWC, CSTT Leader.
21-24	FCACM FCACS FCAC	25 Yrs 18.6 16.9	CWO, CSEL, Instructor, RDC, Recruiter, Enlisted Comm. Mgr., Detailer, Senior Enlisted Academy	36	3rd Shore Tour Billet: ECM/TECHAD, Fire Control Administrator, Training Supervisor, Tech Rep, Lead Instructor, Company Commander, System Development/Evaluation. Duty: BUPERS, ATRC, CSCS, OPTEVFOR, USFCC, SURFPAC/LANT, ATG. Qualification: ATS, MTS.
17-21	FCACS FCAC FCA1	18.6 Yrs 16.9 8.2	CWO, CSEL, Aegis Ashore, Senior Enlisted Academy	48	3rd Sea Tour/Aegis Ashore (BMD), DESRON Billet: CSMM, DLCPO/CSSE, LCPO, AWS TECH. Duty: DDG/CG Qualification: CSC, CSOOW, AWS, BMDO, AAWC, ITT, CSTT Technical Leader.
14-17	FCACS FCAC FCA1	18.6 Yrs 16.9 8.2	LDO, CWO, Instructor, RDC, Recruiter, Detailer	36	2nd Shore Tour Billet: Course Supervisor, Instructor, RDC, Recruiter, Tech Rep, Trainer. Duty: ATRC/CSCS, SCSC, RMC, ATG, NRD. Qualification: MTS, ATS.

Revised: October 2019

FCA CAREER PATH
SELECTED RESERVE (SELRES)

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6-9	FCA1 FCA2	8.2 Yrs 3.9	STA-21, OCS, MECP, Instructor, RDC, Recruiter	36	1st Shore Tour Billet: Instructor, RDC, Recruiter, Maintenance Tech. Duty: ATRC/CSCS, SCSC, TSC, NRD, RTC. Qualification: MTS, ATS.
2-6	FCA2 FCA3	3.9 Yrs 1.6	Naval Academy, STA-21	60	1st Sea Tour Billet: Maintenance Tech. Duty: CG, DDG. Qualification: WCS, Area Supervisor, CSMC Watch, MSS, RSC, CSTT, ATTT, POOW, ESWS, CSOOW
1+/-	FCASN FCASA	11 Months			Recruit Training, “A” and “C” Schools.

Notes:

1. “A” School and Security Clearance is required.

2. Must attend an Aegis “C” school and possess an Aegis Navy Enlisted Classification.

3. Deployable Sea and Land components located in the 7th Fleet AOR, 6th Fleet AOR and 5th Fleet AOR are extremely arduous, with deployable units being out of homeport well above CONUS average.

4. Aegis manning structure aboard a ship limits opportunity to serve in Leading Petty Officer positions.

5. Instructor Duty and Training Support Center billets can prevent a member from being in a leadership position. This fact is due to the sheer number of Chief Petty Officer and First Class billets at schoolhouses/TSC.

6. Billet base for AEGF E5 imbalanced for shore duty, which may preclude a Sailor’s opportunity for an in-rate shore tour. Incentives are in place to increase E5 to E9 manning at sea. Sailors electing to stay at sea might not follow normal sea-shore flow.

7. Tours at NPC and BUPERS require special screening and are highly competitive in nature.

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Revised: October 2019

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c. Purpose: These qualifications are part of the overall picture required for a Departmental Leading Chief Petty Officer (DLCPO). Each represent the building blocks necessary for a future DLCPO to take the next step as the technical expert, whether it be teaching a "C" school on SHORE 2 or being an Aegis Weapon Systems Supervisor (AWS) on SEA 2.

2. SHORE 1 (approximately 10 years of service upon completion)

a. Advance to E-6

b. Maintenance Technician, In-Rate Instructor

c. Purpose for these duties:

(1) Hone the Journeyman and leadership skills and experiences required to maintain maximum operational capability of the Combat System.

(2) First shore tour has been identified as the most flexible of all shore assignments and presents the optimal time for special program assignments.

(a) Qualify: Master Training Specialist (MTS) if assigned to instructor duty

(b) Attend Aegis Weapon Systems Supervisor (AWS) "C" School for appropriate element

3. SEA 2 (approximately 15 years of service upon completion)

a. Advance to E-6/E-7/E-8 (Top Performers)

b. Dept LCPO (Top Performers), Element AWS Technician, CF Div (AWS) LCPO

c. Qualify: Combat Systems Officer of the Watch, Combat Systems Coordinator, BMDO, Department 3M Officer, CSTT Evaluator/Qualifier.

(1) These qualifications and programs all fall under the knowledge responsibilities of a Department LCPO. A complete and up to date knowledge of these qualifications and programs are the keystone principals for the Sailor.

4. SHORE 2 (approximately 18 years of service upon completion)

a. Advance to E-7/E-8/E-9 (Top Performers)

b. RMC, In-Rate Instructor, Afloat Training Group (ATG), Tech Rep. Center for Surface Combat Systems

c. Attend Combat Systems Maintenance Manager "C" School and Combat Systems Senior Enlisted

5. SEA 3 (approximately 22 years of service upon completion)

a. E-8/E-9

b. Combat Systems Maintenance Manager/Dept. LCPO (DDG/CG)

c. Qualify: Anti Air Warfare Coordinator, TAO (AAMDS), CSTT Coordinator

6. SHORE 3 (approximately 25 years of service upon completion)

a. E-8/E-9

b. Center for Surface Combat Systems, Tech Rep. Lead, RMC Lead, ATG Lead

7. SEA 4 (approximately 29 years of service upon completion)

a. E-9

b. Combat Systems Maintenance Manager/Dept. LCPO (CG)

c. Command Master Chief (CMC)/Senior Enlisted Advisor (SEA)

d. Qualify: Force AAWC, CSTT Leader

5. Miscellaneous Notes:

a. Prerequisites to given qualifications have not all been added as listings.

b. Some qualifications and/or prerequisites are class specific therefore complete descriptions are not presented and are generalized.

In addition to the above career path, an FCA is advanced due to their proven leadership, qualifications and performance against competition, regardless of billet assigned.

Considerations for promotion from E6 to E7

1. Sea Assignments (all)
   - Aegis Manning structure aboard a ship limits opportunity to serve in LPO positions
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   - Qualified (I/P) OOD, CSOOW, Duty Dept. Head; (U/W) CSOOW
   - Advanced Qualifications (I/P) ATTWO; (U/W) CSC, AAWC
   - Achieve ESWS Warfare qualification
   - Training Team member (CSTT Technical and Tactical) (ATTT and ITT)
   - Asst. Command Collateral for major program with documented impact
   - Active First Class Mess involvement with documented impact
   - Sailor 360 involvement, preferably leading a committee

2. Shore Assignments (all)
   - Billet base for FCA is imbalanced for shore duty, which may preclude opportunity for an in-rate shore tour
   - FC "A" or FC Aegis "C" School Instructor/Course Supervisor/CSCS Det./SCSC (MTS during tour); Advanced Qualification: Training Manager
   - TSC- Barracks LPO (NMTI with MTS during tour)
   - ATG (ATS during tour)
   - RMC Maintenance Technician with documented repairs
   - NPC (Detailer)
   - RDC (MTS during tour)
   - Enlisted Recruiter
   - Asst. Command Collateral for major program with documented impact
   - Active FCPOA involvement with documented impact
   - Sailor 360 involvement, preferably leading a committee

Considerations for promotion from E7 to E8

1. Sea Assignments (all)
   - Successful Divisional LCPO tour at an operational command
   - Achieve all Warfare qualifications available at command (Primary ESWS)
   - Qualified (I/P) Section Leader; (U/W) CSC
   - Advanced Qualifications (I/P) ATTWO; (U/W) AAWC, BMDO, TAO (AAMDS)
   - Training Team Lead (CSTT Technical and/or Tactical) (ATTT and ITT)
   - Command Collateral with documented impact
   - Active CPO Mess involvement with documented impact
   - Sailor 360 involvement and leading a committee

2. Shore Assignments (all)
   - FC "A" or FC Aegis "C" School Instructor/Course Supervisor/Training Manager/ CSCS Det./SCSC (MTS during tour); Advanced Qualification: Training Manager
   - TSC- Barracks LCPO (NMTI with MTS during tour)
   - Waterfront Trainer and Assessor ATG (ATS during tour)
   - RMC Maintenance Technician and Trainer
   - NPC (Detailer)
   - RDC (MTS during tour)
   - Command Collateral with documented impact
   - Active Mess/CPOA involvement with documented impact
   - Sailor 360 involvement and leading a committee.

- Qualified Assessor, ACDO/CDO/SDO

Consideration for promotion from E8 to E9

1. Sea Assignments (all)
   - Successful as a Combat Systems Maintenance Manager/Departmental LCPO at an operational command
   - Achieve all Warfare qualifications available at command (Primary ESWS)
   - Qualified (I/P) Section Leader; (U/W) AAWC, BMDO, TAO (AAMDS)
   - Advanced Qualifications (I/P) CDO, Senior Enlisted Watch Bill Coordinator; (U/W) FADWC
   - Training Team Leader (CSTT Overall)
   - Major command collateral with documented impact
   - Active CPO Mess (with documented leadership and involvement)
   - Sailor 360 involvement and Leader/Coordinator

2. Shore Assignments (all)
   - FC "A" or FC Aegis "C" School Instructor/Course Supervisor/Training Manager/ CSCS Det./ SCSC (MTS during tour, MTS Program Coordinator); Advanced Qualification: Training Manager
   - TSC- Dept. LCPO (NMTI with MTS during tour)
   - Waterfront Trainer and Assessor ATG (Team Lead, ATS Program Coordinator, ATS during tour)
   - RMC Field Maintenance Technician with documented repairs
   - BUPERS (ECM/ TECHAD)
   - NPC (Lead Detailer)
   - RDC (MTS during tour)
   - SURFOR/PAC/LANT (Fire Control Administrator)
   - OPTEVFOR (System Development/Evaluation)
   - Major command collateral with documented impact
   - Active Mess/CPOA involvement with documented impact
   - Sailor 360 involvement and Leader/Coordinator
   - Qualified Assessor, ACDO/CDO/SDO/AOIC

Fire Controlman Aegis
Occupational Advancement Requirement Standards (OARS) to E4
NAVEDTRA 44044

NAME:

These Occupational Advancement Requirement Standards (OARS) may be used to validate minimum competencies for performing various rating-specific tasks in paygrade E4 in this rating. OARS is based on the Personnel Advancement Requirements (PARS) that were in place prior to 2000 and encompass the Occupational Standards (OCCSTDs) for the rating/paygrade. An E4 should possess the minimum competencies that were initially assessed in their promotion from E3 to E4 (e.g. A-School promotion, Meritorious Advancement Program, etc...).

Generally, each OARS task area encompasses one or more occupational standards on the same or similar subjects and is written in on-the-job rating language. Completion indicates the candidate can perform the tasks. If circumstances exist that limits a Sailor's ability to effectively demonstrate any OARS task element due to equipment configuration, mission, or operational status, a command may deem a physical demonstration portion not mandatory. However, commanding officers (CO) must be satisfied that the individual possesses the necessary knowledge, skills, and abilities (KSAs) and can properly demonstrate any OARS task at the E4 paygrade, at the current command or other future commands before final signature.

OARS is not designed to replace other qualification programs such as Personnel Qualification Standards (PQS). OARS items that duplicate "sign off" items in these types of programs can be signed off if they have already been signed off under any of these types of programs. OARS is noncompetitive and no relative or absolute mark is assigned.

AIR WARFARE (AW) OPERATIONS

Task Objective	** Supv Init	Date
Evaluate air contact information		
Input Air Defense (AD) fire control parameters		
Plan Air Defense (AD) engagements		
Recommend Air Defense (AD) engagement tactics		
Recommend Air Defense (AD) search and engagement plans		
Report air contacts		
Report air engagement Battle Damage Assessments (BDA)		
Track air contacts		
Update air contact information		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

PENALTY STATEMENT
Any person who, with intent to deceive, signs any false record, return, regulation, order, or other official document, knowing it to be false, or makes any other false official statement knowing it to be false, shall be punished as a court-martial may direct.
(Aug. 10, 1956, ch. 1041, 70A Stat. 71; Pub. L. 114–328, div. E, title LX, § 5419, Dec. 23, 2016, 130 Stat. 2946.)

AUXILIARY AND SUPPORT SYSTEMS

Task Objective	** Supv Init	Date
Configure auxiliary air and cooling water systems		
Configure power conversion and distribution systems		
Repair auxiliary air and cooling water systems		
Repair power conversion and distribution systems		
Test auxiliary air and cooling water systems		
Test power conversion and distribution systems		
Troubleshoot auxiliary air and cooling water systems		
Troubleshoot power conversion and distribution systems		
Troubleshoot valves		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

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EQUIPMENT ADMINISTRATION

Task Objective	** Supv Init	Date
Assess network for vulnerabilities		
Calibrate test equipment (e.g. power meter)		
Collect equipment and system status data		
Conduct Combat Systems Alignments (CSA)		
Conduct emergency destruction		
Document equipment status		
Implement technical briefs, notices, and bulletins		
Inspect work areas, tools, and equipment		
Install equipment and alterations		
Inventory controlled equipment		
Inventory fire control system software and firmware		
Inventory fire control test equipment		
Inventory Maintenance Assistance Modules (MAM)		
Maintain system status logs		
Safeguard classified material		
Supervise equipment installations, testing, and alterations		
Update fire control system software and firmware		

** Supv Init may be LPO or E5 or above designee

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FIRE CONTROL SYSTEMS

Task Objective	** Supv Init	Date
Align radar system		
Configure internal communications network		
Configure missile delivery systems		
Configure network systems		
Configure radar systems		
Record tactical data (e.g. digital media)		
Repair computer and peripheral systems		
Repair internal communications network		
Repair network systems		
Repair radar systems		
Repair Tactical Display Systems (TDS)		
Test computer and peripheral systems		
Test internal communications network		
Test missile delivery systems		
Test network systems		
Test radar systems		
Test synchros and servos		
Test Tactical Display Systems (TDS)		
Troubleshoot computer and peripheral systems		
Troubleshoot data links		
Troubleshoot electromechanical (synchros/servos) systems		
Troubleshoot internal communications network		
Troubleshoot missile delivery systems		
Troubleshoot network systems		
Troubleshoot radar systems		
Troubleshoot Tactical Display Systems (TDS)		

** Supv Init may be LPO or E5 or above designee

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NETWORK MANAGEMENT AND SECURITY

Task Objective	** Supv Init	Date
Maintain network security		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

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ORDNANCE EVOLUTIONS AND MAGAZINE SYSTEMS

Task Objective	** Supv Init	Date
Support missile delivery systems loading and unloading		
Unpack naval ordnance		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

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TACTICAL OPERATIONS

Task Objective	** Supv Init	Date
Brief tactical information		
Conduct ship self-defense with Aegis Weapons System (AWS)		
Configure systems to Commanding Officer's (CO) tactical orders		
Evaluate surface contact information		
Execute Combat Information Center (CIC) doctrines		
Execute Commanding Officer's (CO) tactical orders		
Recommend Air Defense (AD) search plans		
Recommend course corrections in support of tactical operations		
Research tactical information		
Review Combat Information Center (CIC) doctrine		
Set Emission Control (EMCON) conditions		
Transition Aegis Weapons System (AWS) between conditions of readiness		
Validate engagement		
Verify assignment and engagement status of own ships weapons systems		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

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TECHNICAL CORE FUNDAMENTALS

Task Objective	** Supv Init	Date
Analyze schematics (i.e. ship's drawings, mechanical drawings, electronic schematics, etc.)		
Configure combat systems equipment		
Configure computer and peripheral systems		
Configure equipment to minimize Electromagnetic Interference (EMI)/Radio Frequency Interference (RFI)		
Configure informational display systems		
Interpret technical manuals		
Manage database information		
Perform Combat Systems Operational Sequencing System (CSOSS) procedures (e.g., casualty responses/operations, normal operations, energize/de-energize equipment, etc.)		
Perform corrosion prevention and control procedures on fire control systems		
Provide technical support		
Repair Alternating Current and Direct Current (AC/DC) motors		
Repair digital circuits		
Repair fiber optic cables and connectors		
Repair interconnecting cables and connectors		
Repair power supplies		
Repair Radio Frequency (RF) circuits		
Repair valves		
Solder electrical and electronic equipment		
Test Alternating Current and Direct Current (AC/DC) motors		
Test communication systems		
Test digital circuits		
Test fiber optic cables and connectors		
Test interconnecting cables and connectors		
Test power supplies		
Test Radio Frequency (RF) circuits		
Test valves		
Troubleshoot Alternating Current (AC) circuits		
Troubleshoot Alternating Current and Direct Current (AC/DC) motors		
Troubleshoot digital circuits		
Troubleshoot Direct Current (DC) circuits		
Troubleshoot fiber optic cables and connectors		
Troubleshoot interconnecting cables and connectors		
Troubleshoot power supplies		
Troubleshoot Radio Frequency (RF) circuits		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

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WATCH TEAM OPERATIONS

Task Objective	** Supv Init	Date
Analyze surface contacts		
Analyze threat weapons data		
Configure Combat Information Center (CIC) systems for special evolutions		
Interpret Naval messages		
Review watch-related operational references (e.g. Radar System Controller (RSC) handbook)		
Update plotting and status boards		

** Supv Init may be LPO or E5 or above designee

DIVISION LEADING CHIEF (OR DESIGNEE) SIGNATURE:

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COMMAND ENDORSEMENT
Command signatures signify the meeting of the minimum competencies for those in paygrade E-4 in this rating.
Signature level at discretion of command.

DIVISION OFFICER:

_____

DEPARTMENT LCPO:

_____

DEPARTMENT HEAD:

_____

COMMAND CAREER COUNSELOR:

_____

COMMAND MASTER CHIEF:

_____

COMMANDING OFFICER:

_____

PENALTY STATEMENT
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Command Comments – Command Use Only:

Enlisted Community Manager Comments:
Fire Controlman Aegis
Occupational Advancement Requirement Standards (OARS) to E4
NAVEDTRA 44044

Once an individual Sailor's Occupational Advancement Requirement Standards (OARS) have been completed and endorsed by the local Command, documentation of completed OARS by the Command Pay and Personnel Administrator (CPPA), Training Officer, or other authorized command representative will be via Navy Standard Integrated Personnel System (NSIPS) within the Personnel Qualifications section, or Advanced Skills Management (ASM) within the Qual/Cert Records tab. Entries will generate an Enlisted Service Record (ESR) and Electronic Training Jacket (ETJ) entry. These entries provide Sailors with electronic documentation of OARS completion as well as Command and Navy Advancement stakeholders ability to monitor the execution of OARS.

Fire Controlman Aegis
Seaman Recruit to Seaman

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
Fire Controlman Combined 'A' School (Block 0) (V021) [1]	Great Lakes, IL	A-100-0093	145 days	
Fire Controlman Combined 'A' School (Block 1) (V020) [1]	Great Lakes, IL	A-100-0330	33 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
None				

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
V00C - AEGIS Computer Network Technician (ACNT) B/L 9 Mk 6 Mod 0 [1]	Dahlgren, VA	A-150-9041	162 days	
V03A - AEGIS Computer System Ballistic Missile Defense (BMD) 4.X/5.X [1]	Dahlgren, VA	A-150-4208	58 days	
V04A - AEGIS AN/SPY-1 Ballistic Missile Defense (BMD) B/L 4.X/5.X [1]	Dahlgren, VA	A-104-4000	74 days	
V05A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 4.X [1]	Dahlgren, VA	A-104-4001	18 days	
V06A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 5.X [1]	Dahlgren, VA	A-104-4001	18 days	
V09A - AEGIS Radar System AN/SPY-1A(V) Operation and Maintenance [1]	Dahlgren, VA	A-150-0935	128 days	
V11A - AEGIS Computer System Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-150-0288	93 days	
V13A - AEGIS AN/SPY-1 Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-104-0063	22 days	
V14A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-104-0061	17 days	
V16A - AEGIS Radar System AN/SPY-1B/B(V)/D Operations and Maintenance [1]	Dahlgren, VA	A-104-0070	143 days	
V23A - AEGIS MILSPEC FCS/ORTS/400Hz Operation and Maintenance [1]	Dahlgren, VA	A-104-0072	164 days	
V28A - AEGIS COTS FCS/400Hz Operation and Maintenance [1]	Dahlgren, VA	A-104-0073	135 days	
V36A - AEGIS Computer Network Technician (ACNT) B/L 7.2A [1]	Dahlgren, VA	A-150-0929	152 days	
V37A - AEGIS Display UYQ-21 Operation and Maintenance [1]	Dahlgren, VA	A-150-0933	178 days	
V39A - Cooperative Engagement Transmission Procession Set (CETPS) AN/USG-2 Maintenance [1]	Dahlgren, VA	S-150-1001	32 days	
V42A - AEGIS Computer Network Technician (ACNT) B/L 6.3 [1]	Dahlgren, VA	A-150-0930	155 days	
V43A - AEGIS Radar System AN/SPY-1D(V) Maintenance and Operation [1]	Dahlgren, VA	A-104-0071	148 days	
V44A - AEGIS Computer Network Technician (ACNT) B/L 7.2B [1]	Dahlgren, VA	A-150-0931	141 days	
V50A - AEGIS Computer Network Technician (ACNT) B/L 8 [1]	Dahlgren, VA	A-150-0932	137 days	
V51A - Cooperative Engagement Transmission Procession Set (CETPS) AN/USG-2B Maintenance [1]	Dahlgren, VA	A-150-9010	43 days	
V69A - AEGIS Computer Network Technician (ACNT) B/L 9 [1]	Dahlgren, VA	A-150-9020	149 days	
V70A - AEGIS Radar System AN/SPY-1 Operation and Maintenance B/L 9C [1]	Dahlgren, VA	A-150-9028	215 days	
V71A - AEGIS Radar System AN/SPY-1 Operation and Maintenance B/L 9A [1]	Dahlgren, VA	A-150-9031	185 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Support command and Navy mission by employing knowledge, skills, and abilities obtained during formal and on-the-job training events to perform corrective and preventive maintenance on systems assigned and tasks directed by the chain of command and those appointed over you.

RECOMMENDED BILLET ASSIGNMENTS

Maintenance technician afloat

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address		QD Phone Number:	
Mobilization UIC:			
Naval Reserve Activity:			
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:	

Date of Initial Entry to Military Service (DIEMS): Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E1/E2 (9 months time in service required for advancement to E2 and E3)
PAYGRADE E3 (6 months time in service required to be eligible for advancement to E4)

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
Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

Professional Apprenticeship Career Track (PACT) only:
6 Month: 12 Month: 18 Month:

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360: Special Program: Member Request:

HYT 24 months (Date): HYT Waiver Date: ☐ Approve ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: Career Waypoint not approved:

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

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

Physical Fitness Test Failure: Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

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:

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
Messenger of the Watch (MOOW)		
Petty Officer of the Watch (POOW)		
Sentry		
Small Weapon Qualification (9mm, Rifle, Shotgun)		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer (RPPO)		
CSOSS 301 Technician		

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

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Enlisted Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Various Reaction Force Watches		
Ordnance Handling Team Member		
Explosive Handling Qual/Cert Program (As Required)		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the FCA-Fire Controlman (AEGIS) rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E4	Cisco Systems, Inc.	Cisco Certified CyberOps Associate	
E5	Cisco Systems, Inc.	Cisco Certified Network Associate (CCNA)	
E6	Cisco Systems, Inc.	Cisco Certified Network Professional (CCNP) Enterprise	
E4	Cisco Systems, Inc.	Cisco Certified Technician Routing and Switching (CCT Routing and Switching)	
E3	Computing Technology Industry Association (CompTIA)	CompTIA A+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA IT Fundamentals (ITF+)	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Network+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Security+	
E6	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Computer Service Technician (CST)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	Electronics Technicians Association, International (ETA-I)	General Communications Technician - Level 1 (GCT1)	
E4	Electronics Technicians Association, International (ETA-I)	Network Computer Technician (NCT)	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Electronics Technicians Association, International (ETA-I)	Network Systems Technician (NST)	
E4	Electronics Technicians Association, International (ETA-I)	RADAR Electronics Technician (RAD)	
E6	Electronics Technicians Association, International (ETA-I)	Telecommunications Electronics Technician (TCM)	
E6	Electronics Technicians Association, International (ETA-I)	Termination and Testing Technician (TTT)	
E4	InterNational Electrical Testing Association (NETA)	ETT Certified Assistant Level 2	
E6	InterNational Electrical Testing Association (NETA)	ETT Certified Senior Technician Level 4	
E5	InterNational Electrical Testing Association (NETA)	ETT Certified Technician Level 3	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the FCA-Fire Controlman (AEGIS) rating.

For more information about these apprenticeships, visit USMAP at https://usmap.netc.navy.mil/.

Rank	Apprenticeship	Date Completed
	Computer Operator	
	Counselor (Professional & Kindred)	
	Electronics Technician	
	Industrial Maintenance Mechanic	
	Internetworking Technician	
	Optical-Instrument Assembler (Optical Goods)	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the FCA-Fire Controlman (AEGIS) Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Occupation (Civilian Employer)
Career/Technical Education Teachers, Postsecondary
Computer Hardware Engineers
Computer Systems Analysts
Computer, Automated Teller, and Office Machine Repairers
Data Entry Keyers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electro-Mechanical and Mechatronics Technologists and Technicians
Equal Opportunity Representatives and Officers
Explosives Workers, Ordnance Handling Experts, and Blasters
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
Industrial Machinery Mechanics
Labor Relations Specialists
Photonics Engineers
Photonics Technicians
Plumbers, Pipefitters, and Steamfitters
Radio, Cellular, and Tower Equipment Installers and Repairers
Software Developers
Telecommunications Equipment Installers and Repairers, Except Line Installers
Training and Development Managers

Occupation (Federal Employer)
0804 - Fire Protection Engineering Series
0855 - Electronics Engineering Series
0856 - Electronics Technical Series
1550 - Computer Science Series
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
9944 - Electronics Technician

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

RC to AC/FTS

See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)

The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as “temporary”) Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

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 Waypoints 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 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 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/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 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 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS 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
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS 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 E6, 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 Sailors 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 Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)

NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

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.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA *(verify account access)*	MNA *(extend in current field)*	MNA *(apply for billets)*	MNA *(apply for billets)*	Sign Eval
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH) *Reserve Only*	Reserve Affiliation	Request Leave / PTDY	DD 214*
	VA/DVA		

**Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.*

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 (AC BCA)

Last 2 PRT Cycles: Forearm Plank / 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: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E1/E2/E3)

(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 call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal

** Various degree options are available in the Advanced Education section. **

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

Joint Service Transcripts (JST)

HS Transcripts College Transcripts

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

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills NCPACE CLEP DSST

TA MGIB MGIB-SR Post 9/11 GIB

E1/E2/E3 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Foundational Leader Development Course [5]	Water front/ Flightline/ Various [4]	NELD-03	2.5 days	
Navy Military Training (Life Skills) (Pre-A School Delivery only) [6]	Command Delivered	A-500-1000	2 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E4	Navy e-Learning	NETCPDC-PMK-EE-E4-1.0		
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.
5 - Available for paygrades E3 and E4
6 - Required for delivery in "A" School for all ratings

E1/E2/E3 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E1/E2/E3 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Basic Military Requirements (NAVEDTRA 14325) (EDITION 1/1/2002)		NAVEDTRA 14325		
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Petty Officer Third and Second Class	Navy e-Learning	NRTC-NAVEDTRA-14504-MRFPO-TASC-1.0		
Introductory Enlisted Professional Military Education (IEPME)	Navy e-Learning	Military DON/ PME	18 hrs	
Block 1 Introductory EPME - Introduction	Navy e-Learning	NWC-IEPME-INTRO-B1	-	
Block 2 Introductory EPME - History and Traditions	Navy e-Learning	NWC-IEPME-INTRO-B2	3 hrs	
Block 3 Introductory EPME - Enlisted Professionalism	Navy e-Learning	NWC-IEPME-INTRO-B3	3 hrs	
Block 4 Introductory EPME - Policy and the Navy	Navy e-Learning	NWC-IEPME-INTRO-B4	3 hrs	
Block 5 Introductory EPME - Planning for Operations	Navy e-Learning	NWC-IEPME-INTRO-B5	3 hrs	
Block 6 Introductory EPME - Regional and Cultural Awareness	Navy e-Learning	NWC-IEPME-INTRO-B6	3 hrs	
Block 7 Introductory EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-IEPME-INTRO-B7	3 hrs	
Block 8 Introductory EPME - Conclusion	Navy e-Learning	NWC-IEPME-INTRO-B82	-	
Cultural Awareness	Navy e-Learning	Foreign Language and Culture	45 hrs	
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Personal Financial Management	Navy e-Learning	CPD-PFM-1.0	8 hrs	
PREVENT	Command Delivered	S-501-0150	24 hrs	
Recommended General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

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 CNFR 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 CNFR N7.

E1/E2/E3 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Non-Prior Service Accession Program	Navy e-Learning	CNRFC-NPSAP-2 /DoN 0	23 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E1/E2/E3 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Reading-Program/

ESSENTIAL READING

Naval Power (First 5 offerings)	Completed
Visit https://www.navy.mil/CNO-Reading-Program/Naval-Power for complete list.	
Sea Power *by Admiral James Stavridis*	
Toward a New Maritime Strategy *by Peter D. Haynes*	
The Rules Of The Game *by Andrew Gordon*	
Sea Power *by Geoffrey Till*	
Red Star Over The Pacific *by Toshi Yoshihara and James R. Holmes*	
High Velocity Outcomes (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/HVO for complete list.	
Democracy *by Condoleezza Rice*	
A World in Disarray *by Richard Haass*	
Our Robots, Ourselves *by David A. Mindell*	
On Writing Well *by William Zinsser*	
The Innovator's Dilemma *by Clayton M. Christensen*	
Navy Team (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Navy-Team for complete list.	
The Accidental Admiral *by James Stavridis*	
Team of Teams *by Stanley Mc Chrystal*	
Navigating the Seven Seas *by Melvin G. Williams, Sr. and Melvin G. Williams, Jr.*	
Leadership on the Line *by Ronald A Heifetz and Marty Linsky*	
A Vietnam Experience *by James Stockdale*	
Partnerships (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Partner-Network for complete list.	
Partnerships for the Americas *by James Stavridis*	
The Accidental Superpower *by Peter Zeihan*	
Asia's Cauldron *by Robert D. Kaplan*	
World Order *by Henry Kissinger*	
At Ease *by Dwight Eisenhower*	

Reading, discussing, and understanding the ideas found in the CNO PRP will not only improve our critical thinking skills, but will also help us become better Sailors, citizens, and most importantly, leaders. This list is not intended to limit professional reading or learning in any way, but merely to provide easy access to a few of the many titles that will benefit our service.

The Chief of Naval Operations' tenets and Lines of Effort: Strengthening Naval Power at and from the Sea; Achieving High Velocity Learning at Every Level; Strengthening Our Navy Team for the Future; and Expanding and Strengthening our Network of Partners. These LOEs have themes common to all Sailors - Integrity, Accountability, Initiative, and Toughness.

The books are organized by the Lines of Effort, but there are several other categories as well. A Design for Maintaining Maritime Superiority is included in addition to a section of books - Fundamentals for the Naval Professional - that contains canonical books about warfighting, diplomacy, and strategy. Many books on both lists are available as e-books through the Navy General Library Program.

The entire list of over 140 book summaries and additional information is available at https://www.navy.mil/CNO-Reading-Program/A-Z-List

E1/E2/E3 RECOMMENDED COMMUNITY READING

Title	Completed
AEGIS Capabilities and Limitations (Ship Specific)	
Basic Liquid Cooling Systems for Shipboard Electronics *S9536-BD-HBK-010*	
Combat Systems Operational Sequencing System (CSOSS) Manuals (Ship Specific)	
FC Volumes *NAVEDTRA Series*	
Naval Ships' Technical Manual Chapter 300 - Electric Plant-General *S9086-KC-STM-010*	
Naval Ships' Technical Manual Chapter 400 - Electronics *S9086-ND-STM-010*	
NEETS, Module 01--Matter, Energy, and Direct Current *NAVEDTRA 14173A*	
NEETS, Module 02--Alternating Current and Transformers *NAVEDTRA 14174A*	
NEETS, Module 03--Introduction to Circuit Protection, Control, and Measurement *NAVEDTRA 14175A*	
NEETS, Module 04--Electrical Conductors, Wiring Techniques and Schematic Reading *NAVEDTRA 14176A*	
NEETS, Module 05--Generators and Motors *NAVEDTRA 14177A*	
NEETS, Module 06--Introduction To Electronic Emission, Tubes, And Power Supplies *NAVEDTRA 14178*	
NEETS, Module 07--Solid-State Devices And Power Supplies *NAVEDTRA 14179A*	
NEETS, Module 08--Introduction To Amplifiers *NAVEDTRA 14180*	
NEETS, Module 09--Introduction To Wave-Generation and Wave-Shaping Circuits *NAVEDTRA 14181*	
NEETS, Module 10--Introduction to Wave Propagation, Transmission Lines, and Antennas *NAVEDTRA 14182*	
NEETS, Module 11--Microwave Principles *NAVEDTRA 14183*	
NEETS, Module 12--Modulation Principles *NAVEDTRA 14184*	
NEETS, Module 13--Number Systems And Logic Circuits *NAVEDTRA 14185A*	
NEETS, Module 14--Introduction To Microelectronics *NAVEDTRA 14186*	
NEETS, Module 15--Principles Of Synchros, Servos, And Gyros *NAVEDTRA 14187A*	
NEETS, Module 16--Test Equipment *NAVEDTRA 14188A*	
NEETS, Module 17--Radio Frequency Communications Principles *NAVEDTRA 14189*	
NEETS, Module 18--Radar Principles *NAVEDTRA 14190*	
NEETS, Module 19--The Technician's Handbook *NAVEDTRA 14191*	
NEETS, Module 21--Test Methods And Practices *NAVEDTRA 14193*	
NEETS, Module 22--Digital computers *NAVEDTRA 14194A*	
NEETS, Module 24--Fiber Optics *NAVEDTRA 14196A*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
TACMEMOs (Platform/System Specific)	

Fire Controlman Aegis
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
Fire Controlman Combined 'A' School (Block 0) (V021) [1]	Great Lakes, IL	A-100-0093	145 days	
Fire Controlman Combined 'A' School (Block 1) (V020) [1]	Great Lakes, IL	A-100-0330	33 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
AEGIS Combat Systems Maintenance Team [1]	CSCS DETs (various)	S-121-0484	4 days	
AN/SPY-1A(V) Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0601	5 days	
AN/SPY-1B/D Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0602	5 days	
AN/SPY-1D(V) Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-221-0150	5 days	
AN/SPY-1 B/L 9 IAMD Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0605	5 days	
AN/SPY-1 Advanced BMD Self-Assessment and Groom Training (SPY BMD SAGT) [1]	CSCS DETs (various)	A-104-0020	5 days	
Integrated Air and Missile Defense AN/SPY-1A(V) Self-Assessment and Groom Training (SPY-1A SAGT) [1]	CSCS DETs (various)	A-121-0051	5 days	
AN/SPY-1D(V) Self-Assessment and Groom Training (SPY-1D(V) SAGT) [1]	CSCS DETs (various)	A-121-0052	5 days	
AN/SPY-1 B/L 9C Advanced BMD Self-Assessment and Groom Training (SPY 9C SAGT) [1]	CSCS DETs (various)	A-150-9015	5 days	
AEGIS Advanced Electronic Cooling Water/Dry Air Self-Assessment and Groom Training (ECWS SAGT) [1]	CSCS DETs (various)	A-104-0019	3 days	
AEGIS Advanced Air Cooled Solid State Frequency Converter 400Hz Power System Self-Assessment and Groom Training (ACSSFC 400Hz SAGT) [1]	CSCS DETs (various)	A-104-0024	3 days	
AEGIS Advanced MK84 400Hz Power System Self-Assessment and Groom Training (MK84 400Hz SAGT) [1]	CSCS DETs (various)	A-104-0029	3 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 6.3 [1]	CSCS DETs (various)	A-150-2024	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 7.2A [1]	CSCS DETs (various)	A-150-0770	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 7.2B [1]	CSCS DETs (various)	A-150-2025	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 8 [1]	CSCS DETs (various)	A-150-0071	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 9 [1]	CSCS DETs (various)	A-150-0086	12 days	
Integrated Air and Missile Defense C4I Self-Assessment and Groom Training (IAMD C4I SAGT) [1]	CSCS DETs (various)	A-101-0027	5 days	
Navigation Self Assessment and Groom Training (NAV SAGT) [1]	CSCS DETs (various)	A-102-0433	5 days	
Embedded Training System Self-Assessment and Groom Training for the Aegis Combat System (AEGIS ETS SAGT) [1]	CSCS DETs (various)	A-221-0151	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0094	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0093	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0095	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0096	5 days	
Miniature Electronics Repair [1]	CSCS DETs (various)	A-100-0072	26 days	
Micro-miniature Electronics Repair [1]	CSCS DETs (various)	A-100-0073	11 days	
Fiber Optics Maintenance Technician [1]	CSCS DETs (various)	A-670-0063	12 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
V00C - AEGIS Computer Network Technician (ACNT) B/L 9 Mk 6 Mod 0 [1]	Dahlgren, VA	A-150-9041	162 days	
V03A - AEGIS Computer System Ballistic Missile Defense (BMD) 4.X/5.X [1]	Dahlgren, VA	A-150-4208	58 days	
V04A - AEGIS AN/SPY-1 Ballistic Missile Defense (BMD) B/L 4.X/5.X [1]	Dahlgren, VA	A-104-4000	74 days	
V05A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 4.X [1]	Dahlgren, VA	A-104-4001	18 days	
V06A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 5.X [1]	Dahlgren, VA	A-104-4001	18 days	
V09A - AEGIS Radar System AN/SPY-1A(V) Operation and Maintenance [1]	Dahlgren, VA	A-150-0935	128 days	
V11A - AEGIS Computer System Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-150-0288	93 days	
V13A - AEGIS AN/SPY-1 Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-104-0063	22 days	
V14A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-104-0061	17 days	
V16A - AEGIS Radar System AN/SPY-1B/B(V)/D Operations and Maintenance [1]	Dahlgren, VA	A-104-0070	143 days	
V23A - AEGIS MILSPEC FCS/ORTS/400Hz Operation and Maintenance [1]	Dahlgren, VA	A-104-0072	164 days	
V28A - AEGIS COTS FCS/400Hz Operation and Maintenance [1]	Dahlgren, VA	A-104-0073	135 days	
V36A - AEGIS Computer Network Technician (ACNT) B/L 7.2A [1]	Dahlgren, VA	A-150-0929	152 days	
V37A - AEGIS Display UYQ-21 Operation and Maintenance [1]	Dahlgren, VA	A-150-0933	178 days	
V39A - Cooperative Engagement Transmission Procession Set (CETPS) AN/USG-2 Maintenance [1]	Dahlgren, VA	S-150-1001	32 days	
V42A - AEGIS Computer Network Technician (ACNT) B/L 6.3 [1]	Dahlgren, VA	A-150-0930	155 days	
V43A - AEGIS Radar System AN/SPY-1D(V) Maintenance and Operation [1]	Dahlgren, VA	A-104-0071	148 days	
V44A - AEGIS Computer Network Technician (ACNT) B/L 7.2B [1]	Dahlgren, VA	A-150-0931	141 days	
V50A - AEGIS Computer Network Technician (ACNT) B/L 8 [1]	Dahlgren, VA	A-150-0932	137 days	
V51A - Cooperative Engagement Transmission Procession Set (CETPS) AN/USG-2B Maintenance [1]	Dahlgren, VA	A-150-9010	43 days	
V69A - AEGIS Computer Network Technician (ACNT) B/L 9 [1]	Dahlgren, VA	A-150-9020	149 days	
V70A - AEGIS Radar System AN/SPY-1 Operation and Maintenance B/L 9C [1]	Dahlgren, VA	A-150-9028	215 days	
V71A - AEGIS Radar System AN/SPY-1 Operation and Maintenance B/L 9A [1]	Dahlgren, VA	A-150-9031	185 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Support command and Navy mission by employing knowledge, skills, and abilities obtained during formal and on-the-job training events to perform corrective and preventive maintenance on systems assigned and tasks directed by the chain of command and those appointed over you.

RECOMMENDED BILLET ASSIGNMENTS

Maintenance technician afloat

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address		QD Phone Number:	
Mobilization UIC:			
Naval Reserve Activity:			
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:	

Date of Initial Entry to Military Service (DIEMS): Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E4 (1 year time in service required to be eligible for advancement to E5)

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 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360: Special Program: Member Request:

HYT 24 months (Date): HYT Waiver Date: ☐ Approve ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: Career Waypoint not approved:

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

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

Physical Fitness Test Failure: Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

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:

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 in to My Navy Portal (MNP) 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 in to https://awards.navy.mil/ to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.

e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.

f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
Messenger of the Watch (MOOW)		
Petty Officer of the Watch (POOW)		
Sentry		
Pier Sentry		
Small Weapon Qualification (9mm, Rifle, Shotgun)		
Personnel Qualification Standard		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer (RPPO)		
3M 303 Work Center Supervisor (WCS)		
CSOSS 301 Technician		
CSOSS 302 Area Supervisor		

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

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Enlisted Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Various Reaction Force Watches		
Ordnance Handling Team Member		
Explosive Handling Qual/Cert Program (As Required)		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the FCA-Fire Controlman (AEGIS) rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E4	Cisco Systems, Inc.	Cisco Certified CyberOps Associate	
E5	Cisco Systems, Inc.	Cisco Certified Network Associate (CCNA)	
E6	Cisco Systems, Inc.	Cisco Certified Network Professional (CCNP) Enterprise	
E4	Cisco Systems, Inc.	Cisco Certified Technician Routing and Switching (CCT Routing and Switching)	
E3	Computing Technology Industry Association (CompTIA)	CompTIA A+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA IT Fundamentals (ITF+)	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Network+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Security+	
E6	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Computer Service Technician (CST)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	Electronics Technicians Association, International (ETA-I)	General Communications Technician - Level 1 (GCT1)	
E4	Electronics Technicians Association, International (ETA-I)	Network Computer Technician (NCT)	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Electronics Technicians Association, International (ETA-I)	Network Systems Technician (NST)	
E4	Electronics Technicians Association, International (ETA-I)	RADAR Electronics Technician (RAD)	
E6	Electronics Technicians Association, International (ETA-I)	Telecommunications Electronics Technician (TCM)	
E6	Electronics Technicians Association, International (ETA-I)	Termination and Testing Technician (TTT)	
E4	InterNational Electrical Testing Association (NETA)	ETT Certified Assistant Level 2	
E6	InterNational Electrical Testing Association (NETA)	ETT Certified Senior Technician Level 4	
E5	InterNational Electrical Testing Association (NETA)	ETT Certified Technician Level 3	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the FCA-Fire Controlman (AEGIS) rating.

For more information about these apprenticeships, visit USMAP at https://usmap.netc.navy.mil/.

Rank	Apprenticeship	Date Completed
	Computer Operator	
	Counselor (Professional & Kindred)	
	Electronics Technician	
	Industrial Maintenance Mechanic	
	Internetworking Technician	
	Optical-Instrument Assembler (Optical Goods)	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the FCA-Fire Controlman (AEGIS) Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Occupation (Civilian Employer)
Career/Technical Education Teachers, Postsecondary
Computer Hardware Engineers
Computer Systems Analysts
Computer, Automated Teller, and Office Machine Repairers
Data Entry Keyers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electro-Mechanical and Mechatronics Technologists and Technicians
Equal Opportunity Representatives and Officers
Explosives Workers, Ordnance Handling Experts, and Blasters
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
Industrial Machinery Mechanics
Labor Relations Specialists
Photonics Engineers
Photonics Technicians
Plumbers, Pipefitters, and Steamfitters
Radio, Cellular, and Tower Equipment Installers and Repairers
Software Developers
Telecommunications Equipment Installers and Repairers, Except Line Installers
Training and Development Managers

Occupation (Federal Employer)
0804 - Fire Protection Engineering Series
0855 - Electronics Engineering Series
0856 - Electronics Technical Series
1550 - Computer Science Series
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
9944 - Electronics Technician

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

RC to AC/FTS

See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)

The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as “temporary”) Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

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 Waypoints 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 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 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/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 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 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS 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
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS 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 E6, 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 Sailors 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 Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)

NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

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.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA *(verify account access)*	MNA *(extend in current field)*	MNA *(apply for billets)*	MNA *(apply for billets)*	Sign Eval
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH) *Reserve Only*	Reserve Affiliation	Request Leave / PTDY	DD 214*
	VA/DVA		

**Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.*

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 (AC BCA)

Last 2 PRT Cycles: Forearm Plank / 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: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E4)

(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 call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal _____

** Various degree options are available in the Advanced Education section. **

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

Joint Service Transcripts (JST)

HS Transcripts College Transcripts

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

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills NCPACE CLEP DSST

TA MGIB MGIB-SR Post 9/11 GIB

E4 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Foundational Leader Development Course [5]	Water front/ Flightline/ Various [4]	NELD-03	2.5 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E5	Navy e-Learning	NETCPDC-PMK-EE-E5-1.0		
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.
5 - Available for paygrades E3 and E4

E4 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E4 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Petty Officer Third and Second Class	Navy e-Learning	NRTC-NAVEDTRA-14504-MRFPO-TASC-1.0		
Introductory Enlisted Professional Military Education (IEPME)	Navy e-Learning	Military DON/ PME	18 hrs	
Block 1 Introductory EPME - Introduction	Navy e-Learning	NWC-IEPME-INTRO-B1	-	
Block 2 Introductory EPME - History and Traditions	Navy e-Learning	NWC-IEPME-INTRO-B2	3 hrs	
Block 3 Introductory EPME - Enlisted Professionalism	Navy e-Learning	NWC-IEPME-INTRO-B3	3 hrs	
Block 4 Introductory EPME - Policy and the Navy	Navy e-Learning	NWC-IEPME-INTRO-B4	3 hrs	
Block 5 Introductory EPME - Planning for Operations	Navy e-Learning	NWC-IEPME-INTRO-B5	3 hrs	
Block 6 Introductory EPME - Regional and Cultural Awareness	Navy e-Learning	NWC-IEPME-INTRO-B6	3 hrs	
Block 7 Introductory EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-IEPME-INTRO-B7	3 hrs	
Block 8 Introductory EPME - Conclusion	Navy e-Learning	NWC-IEPME-INTRO-B82	-	
Cultural Awareness	Navy e-Learning	Foreign Language and Culture	45 hrs	
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Personal Financial Management	Navy e-Learning	CPD-PFM-1.0	8 hrs	
PREVENT	Command Delivered	S-501-0150	24 hrs	
21st Century CONSEP (Mid-Career)	Fleet and Family Service Center		2 days	
Recommended General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

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 CNFR 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 CNFR N7.

E4 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Non-Prior Service Accession Program	Navy e-Learning	CNRFC-NPSAP-2 /DoN 0	23 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E4 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Reading-Program/

ESSENTIAL READING

Naval Power (First 5 offerings)	Completed
Visit https://www.navy.mil/CNO-Reading-Program/Naval-Power for complete list.	
Sea Power *by Admiral James Stavridis*	
Toward a New Maritime Strategy *by Peter D. Haynes*	
The Rules Of The Game *by Andrew Gordon*	
Sea Power *by Geoffrey Till*	
Red Star Over The Pacific *by Toshi Yoshihara and James R. Holmes*	
High Velocity Outcomes (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/HVO for complete list.	
Democracy *by Condoleezza Rice*	
A World in Disarray *by Richard Haass*	
Our Robots, Ourselves *by David A. Mindell*	
On Writing Well *by William Zinsser*	
The Innovator's Dilemma *by Clayton M. Christensen*	
Navy Team (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Navy-Team for complete list.	
The Accidental Admiral *by James Stavridis*	
Team of Teams *by Stanley Mc Chrystal*	
Navigating the Seven Seas *by Melvin G. Williams, Sr. and Melvin G. Williams, Jr.*	
Leadership on the Line *by Ronald A Heifetz and Marty Linsky*	
A Vietnam Experience *by James Stockdale*	
Partnerships (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Partner-Network for complete list.	
Partnerships for the Americas *by James Stavridis*	
The Accidental Superpower *by Peter Zeihan*	
Asia's Cauldron *by Robert D. Kaplan*	
World Order *by Henry Kissinger*	
At Ease *by Dwight Eisenhower*	

Reading, discussing, and understanding the ideas found in the CNO PRP will not only improve our critical thinking skills, but will also help us become better Sailors, citizens, and most importantly, leaders. This list is not intended to limit professional reading or learning in any way, but merely to provide easy access to a few of the many titles that will benefit our service.

The Chief of Naval Operations' tenets and Lines of Effort: Strengthening Naval Power at and from the Sea; Achieving High Velocity Learning at Every Level; Strengthening Our Navy Team for the Future; and Expanding and Strengthening our Network of Partners. These LOEs have themes common to all Sailors - Integrity, Accountability, Initiative, and Toughness.

The books are organized by the Lines of Effort, but there are several other categories as well. A Design for Maintaining Maritime Superiority is included in addition to a section of books - Fundamentals for the Naval Professional - that contains canonical books about warfighting, diplomacy, and strategy. Many books on both lists are available as e-books through the Navy General Library Program.

The entire list of over 140 book summaries and additional information is available at https://www.navy.mil/CNO-Reading-Program/A-Z-List

E4 RECOMMENDED COMMUNITY READING

Title	Completed
AEGIS Air Defense Core Tactics *NTTP 3-01.5*	
AEGIS Capabilities and Limitations (Ship Specific)	
AEGIS CG Class Tactical Publication *NTRP 3-20.6.02*	
AEGIS Combat System Technical Operations Manual (CSTOM) (Ship Specific) *Various*	
Basic Liquid Cooling Systems for Shipboard Electronics *S9536-BD-HBK-010*	
Combat Systems Alignment Theory *NAVSEA SW225-A0-MMA-010*	
Combat Systems Operational Sequencing System (CSOSS) Manuals (Ship Specific)	
DDG 51 (Flight I) Class Tactical Publication *NTRP 3-20.6.08, Volume I*	
DDG 51 (Flight II) Class Tactical Publication *NTRP 3-20.6.08, Volume 2*	
DDG 51 (Flight IIA) Class Tactical Publication *NTRP 3-20.6.08, Volume 3*	
FC Volumes *NAVEDTRA Series*	
Maritime Air and Missile Defense Employment *NTTP 3-01.12*	
Naval Ships' Technical Manual Chapter 300 - Electric Plant-General *S9086-KC-STM-010*	
Naval Ships' Technical Manual Chapter 400 - Electronics *S9086-ND-STM-010*	
NEETS, Module 01--Matter, Energy, and Direct Current *NAVEDTRA 14173A*	
NEETS, Module 02--Alternating Current and Transformers *NAVEDTRA 14174A*	
NEETS, Module 03--Introduction to Circuit Protection, Control, and Measurement *NAVEDTRA 14175A*	
NEETS, Module 04--Electrical Conductors, Wiring Techniques and Schematic Reading *NAVEDTRA 14176A*	
NEETS, Module 05--Generators and Motors *NAVEDTRA 14177A*	
NEETS, Module 06--Introduction To Electronic Emission, Tubes, And Power Supplies *NAVEDTRA 14178*	
NEETS, Module 07--Solid-State Devices And Power Supplies *NAVEDTRA 14179A*	
NEETS, Module 08--Introduction To Amplifiers *NAVEDTRA 14180*	
NEETS, Module 09--Introduction To Wave-Generation and Wave-Shaping Circuits *NAVEDTRA 14181*	
NEETS, Module 10--Introduction to Wave Propagation, Transmission Lines, and Antennas *NAVEDTRA 14182*	
NEETS, Module 11--Microwave Principles *NAVEDTRA 14183*	
NEETS, Module 12--Modulation Principles *NAVEDTRA 14184*	
NEETS, Module 13--Number Systems And Logic Circuits *NAVEDTRA 14185A*	
NEETS, Module 14--Introduction To Microelectronics *NAVEDTRA 14186*	
NEETS, Module 15--Principles Of Synchros, Servos, And Gyros *NAVEDTRA 14187A*	
NEETS, Module 16--Test Equipment *NAVEDTRA 14188A*	
NEETS, Module 17--Radio Frequency Communications Principles *NAVEDTRA 14189*	
NEETS, Module 18--Radar Principles *NAVEDTRA 14190*	
NEETS, Module 19--The Technician's Handbook *NAVEDTRA 14191*	
NEETS, Module 21--Test Methods And Practices *NAVEDTRA 14193*	
NEETS, Module 22--Digital computers *NAVEDTRA 14194A*	
NEETS, Module 24--Fiber Optics *NAVEDTRA 14196A*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
TACMEMOs (Platform/System Specific)	

Fire Controlman Aegis
Petty Officer Second Class
(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
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
AEGIS Combat Systems Maintenance Team [1]	CSCS DETs (various)	S-121-0484	4 days	
AN/SPY-1A(V) Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0601	5 days	
AN/SPY-1B/D Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0602	5 days	
AN/SPY-1D(V) Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-221-0150	5 days	
AN/SPY-1 B/L 9 IAMD Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0605	5 days	
AN/SPY-1 Advanced BMD Self-Assessment and Groom Training (SPY BMD SAGT) [1]	CSCS DETs (various)	A-104-0020	5 days	
Integrated Air and Missile Defense AN/SPY-1A(V) Self-Assessment and Groom Training (SPY-1A SAGT) [1]	CSCS DETs (various)	A-121-0051	5 days	
AN/SPY-1D(V) Self-Assessment and Groom Training (SPY-1D(V) SAGT) [1]	CSCS DETs (various)	A-121-0052	5 days	
AN/SPY-1 B/L 9C Advanced BMD Self-Assessment and Groom Training (SPY 9C SAGT) [1]	CSCS DETs (various)	A-150-9015	5 days	
AEGIS Advanced Electronic Cooling Water/Dry Air Self-Assessment and Groom Training (ECWS SAGT) [1]	CSCS DETs (various)	A-104-0019	3 days	
AEGIS Advanced Air Cooled Solid State Frequency Converter 400Hz Power System Self-Assessment and Groom Training (ACSSFC 400Hz SAGT) [1]	CSCS DETs (various)	A-104-0024	3 days	
AEGIS Advanced MK84 400Hz Power System Self-Assessment and Groom Training (MK84 400Hz SAGT) [1]	CSCS DETs (various)	A-104-0029	3 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 6.3 [1]	CSCS DETs (various)	A-150-2024	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 7.2A [1]	CSCS DETs (various)	A-150-0770	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 7.2B [1]	CSCS DETs (various)	A-150-2025	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 8 [1]	CSCS DETs (various)	A-150-0071	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 9 [1]	CSCS DETs (various)	A-150-0086	12 days	
Integrated Air and Missile Defense C4I Self-Assessment and Groom Training (IAMD C4I SAGT) [1]	CSCS DETs (various)	A-101-0027	5 days	
Navigation Self Assessment and Groom Training (NAV SAGT) [1]	CSCS DETs (various)	A-102-0433	5 days	
Embedded Training System Self-Assessment and Groom Training for the Aegis Combat System (AEGIS ETS SAGT) [1]	CSCS DETs (various)	A-221-0151	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0094	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0093	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0095	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0096	5 days	
Miniature Electronics Repair [1]	CSCS DETs (various)	A-100-0072	26 days	
Micro-miniature Electronics Repair [1]	CSCS DETs (various)	A-100-0073	11 days	
Fiber Optics Maintenance Technician [1]	CSCS DETs (various)	A-670-0063	12 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
V00C - AEGIS Computer Network Technician (ACNT) B/L 9 Mk 6 Mod 0 [1]	Dahlgren, VA	A-150-9041	162 days	
V03A - AEGIS Computer System Ballistic Missile Defense (BMD) 4.X/5.X [1]	Dahlgren, VA	A-150-4208	58 days	
V04A - AEGIS AN/SPY-1 Ballistic Missile Defense (BMD) B/L 4.X/5.X [1]	Dahlgren, VA	A-104-4000	74 days	
V05A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 4.X [1]	Dahlgren, VA	A-104-4001	18 days	
V06A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 5.X [1]	Dahlgren, VA	A-104-4001	18 days	
V09A - AEGIS Radar System AN/SPY-1A(V) Operation and Maintenance [1]	Dahlgren, VA	A-150-0935	128 days	
V11A - AEGIS Computer System Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-150-0288	93 days	
V13A - AEGIS AN/SPY-1 Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-104-0063	22 days	
V14A - AEGIS FCS Ballistic Missile Defense (BMD) B/L 3.6 [1]	Dahlgren, VA	A-104-0061	17 days	
V16A - AEGIS Radar System AN/SPY-1B/B(V)/D Operations and Maintenance [1]	Dahlgren, VA	A-104-0070	143 days	
V23A - AEGIS MILSPEC FCS/ORTS/400Hz Operation and Maintenance [1]	Dahlgren, VA	A-104-0072	164 days	
V28A - AEGIS COTS FCS/400Hz Operation and Maintenance [1]	Dahlgren, VA	A-104-0073	135 days	
V36A - AEGIS Computer Network Technician (ACNT) B/L 7.2A [1]	Dahlgren, VA	A-150-0929	152 days	
V37A - AEGIS Display UYQ-21 Operation and Maintenance [1]	Dahlgren, VA	A-150-0933	178 days	
V39A - Cooperative Engagement Transmission Procession Set (CETPS) AN/USG-2 Maintenance [1]	Dahlgren, VA	S-150-1001	32 days	
V42A - AEGIS Computer Network Technician (ACNT) B/L 6.3 [1]	Dahlgren, VA	A-150-0930	155 days	
V43A - AEGIS Radar System AN/SPY-1D(V) Maintenance and Operation [1]	Dahlgren, VA	A-104-0071	148 days	
V44A - AEGIS Computer Network Technician (ACNT) B/L 7.2B [1]	Dahlgren, VA	A-150-0931	141 days	
V50A - AEGIS Computer Network Technician (ACNT) B/L 8 [1]	Dahlgren, VA	A-150-0932	137 days	
V51A - Cooperative Engagement Transmission Procession Set (CETPS) AN/USG-2B Maintenance [1]	Dahlgren, VA	A-150-9010	43 days	
V69A - AEGIS Computer Network Technician (ACNT) B/L 9 [1]	Dahlgren, VA	A-150-9020	149 days	
V70A - AEGIS Radar System AN/SPY-1 Operation and Maintenance B/L 9C [1]	Dahlgren, VA	A-150-9028	215 days	
V71A - AEGIS Radar System AN/SPY-1 Operation and Maintenance B/L 9A [1]	Dahlgren, VA	A-150-9031	185 days	
803R - Enlisted Navy Recruiting Orientation/Recruiter Canvasser [1]	Pensacola, FL	S-501-0020	33 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8RDC - Recruit/Assistant Recruit Company Commander/Recruit Instructor	Great Lakes, IL	A-012-0037	87 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Support command and Navy mission by employing knowledge, skills, and abilities obtained during formal and on-the-job training events to perform corrective and preventive maintenance on systems assigned and tasks directed by the chain of command and those appointed over you.

RECOMMENDED BILLET ASSIGNMENTS

Maintenance technician afloat or ashore
Work Center Supervisor afloat or ashore

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address		QD Phone Number:	
Mobilization UIC:			
Naval Reserve Activity:			
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:	

Date of Initial Entry to Military Service (DIEMS): Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E5 (3 Years time in service required to be eligible for advancement to E6)

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

(E5) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360: Special Program: Member Request:

HYT 24 months (Date): HYT Waiver Date: ☐ Approve ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: Career Waypoint not approved:

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

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

Physical Fitness Test Failure: Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

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

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

Naval Academy: Naval Academy Preparatory School (NAPS):

Officer Candidate School: Seaman to Admiral 21 (STA-21):

Medical Enlisted Commissioning Program (MECP): Medical Service Corps In-service Procurement:

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 in to My Navy Portal (MNP) 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 in to https://awards.navy.mil/ to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.

e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.

f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
Petty Officer of the Watch (POOW)		
Officer of the Deck (OOD) (In Port)		
Sentry		
Small Weapon Qualification (9mm, Rifle, Shotgun)		
Personnel Qualification Standard		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer (RPPO)		
3M 303 Work Center Supervisor (WCS)		
CSOSS 301 Technician		
CSOSS 302 Area Supervisor		

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

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Enlisted Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Various Reaction Force Watches		
Combat Systems Training Team		
Anti-Terrorism/Force Protection Training Team		
Ordnance Handling Team Member		
Explosive Handling Qual/Cert Program (As Required)		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the FCA-Fire Controlman (AEGIS) rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E4	Cisco Systems, Inc.	Cisco Certified CyberOps Associate	
E5	Cisco Systems, Inc.	Cisco Certified Network Associate (CCNA)	
E6	Cisco Systems, Inc.	Cisco Certified Network Professional (CCNP) Enterprise	
E4	Cisco Systems, Inc.	Cisco Certified Technician Routing and Switching (CCT Routing and Switching)	
E3	Computing Technology Industry Association (CompTIA)	CompTIA A+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA IT Fundamentals (ITF+)	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Network+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Security+	
E6	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Computer Service Technician (CST)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	Electronics Technicians Association, International (ETA-I)	General Communications Technician - Level 1 (GCT1)	
E4	Electronics Technicians Association, International (ETA-I)	Network Computer Technician (NCT)	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Electronics Technicians Association, International (ETA-I)	Network Systems Technician (NST)	
E4	Electronics Technicians Association, International (ETA-I)	RADAR Electronics Technician (RAD)	
E6	Electronics Technicians Association, International (ETA-I)	Telecommunications Electronics Technician (TCM)	
E6	Electronics Technicians Association, International (ETA-I)	Termination and Testing Technician (TTT)	
E4	InterNational Electrical Testing Association (NETA)	ETT Certified Assistant Level 2	
E6	InterNational Electrical Testing Association (NETA)	ETT Certified Senior Technician Level 4	
E5	InterNational Electrical Testing Association (NETA)	ETT Certified Technician Level 3	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the FCA-Fire Controlman (AEGIS) rating.

For more information about these apprenticeships, visit USMAP at https://usmap.netc.navy.mil/.

Rank	Apprenticeship	Date Completed
	Computer Operator	
	Counselor (Professional & Kindred)	
	Electronics Technician	
	Industrial Maintenance Mechanic	
	Internetworking Technician	
	Optical-Instrument Assembler (Optical Goods)	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the FCA-Fire Controlman (AEGIS) Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Occupation (Civilian Employer)
Career/Technical Education Teachers, Postsecondary
Computer Hardware Engineers
Computer Systems Analysts
Computer, Automated Teller, and Office Machine Repairers
Data Entry Keyers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electro-Mechanical and Mechatronics Technologists and Technicians
Equal Opportunity Representatives and Officers
Explosives Workers, Ordnance Handling Experts, and Blasters
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
Industrial Machinery Mechanics
Labor Relations Specialists
Photonics Engineers
Photonics Technicians
Plumbers, Pipefitters, and Steamfitters
Radio, Cellular, and Tower Equipment Installers and Repairers
Software Developers
Telecommunications Equipment Installers and Repairers, Except Line Installers
Training and Development Managers

Occupation (Federal Employer)
0804 - Fire Protection Engineering Series
0855 - Electronics Engineering Series
0856 - Electronics Technical Series
1550 - Computer Science Series
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
9944 - Electronics Technician

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

RC to AC/FTS

See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)

The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as “temporary”) Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

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 Waypoints 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 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 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/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 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 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS 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
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS 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 E6, 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 Sailors 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 Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)

NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

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.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA *(verify account access)*	MNA *(extend in current field)*	MNA *(apply for billets)*	MNA *(apply for billets)*	Sign Eval
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH) *Reserve Only*	Reserve Affiliation	Request Leave / PTDY	DD 214*
	VA/DVA		

**Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.*

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 (AC BCA)

Last 2 PRT Cycles: Forearm Plank / 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: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E5)

(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 call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal _____

** Various degree options are available in the Advanced Education section. **

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

Joint Service Transcripts (JST)

HS Transcripts College Transcripts

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

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills NCPACE CLEP DSST

TA MGIB MGIB-SR Post 9/11 GIB

E5 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Intermediate Leader Development Course	Water front/ Flightline/ Various [4]	NELD-04	3 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E6	Navy e-Learning	NETCPDC-PMK-EE-E6-1.0		
ADAMS for Supervisors	Various Locations	S-501-0120	8 hrs	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.

E5 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E5 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Petty Officer First Class	Navy e-Learning	NRTC-NAVEDTRA-14145-MRFPO-FC-1.0		
Basic Enlisted Professional Military Education (BEPME)	Navy e-Learning	Military DON/ PME	20 hrs	
Block 1 Basic EPME - Introduction	Navy e-Learning	NWC-EPME-BASIC-B1		
Block 2 Basic EPME - Navy History and Heritage	Navy e-Learning	NWC-EPME-BASIC-B2		
Block 3 Basic EPME - The Navy Professional	Navy e-Learning	NWC-EPME-BASIC-B3		
Block 4 Basic EPME - Organization and Guidance	Navy e-Learning	NWC-EPME-BASIC-B4		
Block 5 Basic EPME - Planning	Navy e-Learning	NWC-EPME-BASIC-B5		
Block 6 Basic EPME - Regional Expertise and Cultural Awareness	Navy e-Learning	NWC-EPME-BASIC-B6		
Block 7 Basic EPME - Technology for the Warfighter	Navy e-Learning	NWC-EPME-BASIC-B7		
Block 8 Basic EPME - Conclusion	Navy e-Learning	NWC-EPME-BASIC-B8		
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
Recommended General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

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 CNFR 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 CNFR N7.

E5 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E5 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Reading-Program/

ESSENTIAL READING

Naval Power (First 5 offerings)	Completed
Visit https://www.navy.mil/CNO-Reading-Program/Naval-Power for complete list.	
Sea Power *by Admiral James Stavridis*	
Toward a New Maritime Strategy *by Peter D. Haynes*	
The Rules Of The Game *by Andrew Gordon*	
Sea Power *by Geoffrey Till*	
Red Star Over The Pacific *by Toshi Yoshihara and James R. Holmes*	
High Velocity Outcomes (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/HVO for complete list.	
Democracy *by Condoleezza Rice*	
A World in Disarray *by Richard Haass*	
Our Robots, Ourselves *by David A. Mindell*	
On Writing Well *by William Zinsser*	
The Innovator's Dilemma *by Clayton M. Christensen*	
Navy Team (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Navy-Team for complete list.	
The Accidental Admiral *by James Stavridis*	
Team of Teams *by Stanley Mc Chrystal*	
Navigating the Seven Seas *by Melvin G. Williams, Sr. and Melvin G. Williams, Jr.*	
Leadership on the Line *by Ronald A Heifetz and Marty Linsky*	
A Vietnam Experience *by James Stockdale*	
Partnerships (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Partner-Network for complete list.	
Partnerships for the Americas *by James Stavridis*	
The Accidental Superpower *by Peter Zeihan*	
Asia's Cauldron *by Robert D. Kaplan*	
World Order *by Henry Kissinger*	
At Ease *by Dwight Eisenhower*	

Reading, discussing, and understanding the ideas found in the CNO PRP will not only improve our critical thinking skills, but will also help us become better Sailors, citizens, and most importantly, leaders. This list is not intended to limit professional reading or learning in any way, but merely to provide easy access to a few of the many titles that will benefit our service.

The Chief of Naval Operations' tenets and Lines of Effort: Strengthening Naval Power at and from the Sea; Achieving High Velocity Learning at Every Level; Strengthening Our Navy Team for the Future; and Expanding and Strengthening our Network of Partners. These LOEs have themes common to all Sailors - Integrity, Accountability, Initiative, and Toughness.

The books are organized by the Lines of Effort, but there are several other categories as well. A Design for Maintaining Maritime Superiority is included in addition to a section of books - Fundamentals for the Naval Professional - that contains canonical books about warfighting, diplomacy, and strategy. Many books on both lists are available as e-books through the Navy General Library Program.

The entire list of over 140 book summaries and additional information is available at https://www.navy.mil/CNO-Reading-Program/A-Z-List

E5 RECOMMENDED COMMUNITY READING

Title	Completed
AEGIS Air Defense Core Tactics *NTTP 3-01.5*	
AEGIS Capabilities and Limitations (Ship Specific)	
AEGIS CG Class Tactical Publication *NTRP 3-20.6.02*	
AEGIS Combat System Technical Operations Manual (CSTOM) (Ship Specific) *Various*	
Basic Liquid Cooling Systems for Shipboard Electronics *S9536-BD-HBK-010*	
Combat Systems Alignment Theory *NAVSEA SW225-A0-MMA-010*	
Combat Systems Operational Sequencing System (CSOSS) Manuals (Ship Specific)	
DDG 51 (Flight I) Class Tactical Publication *NTRP 3-20.6.08, Volume I*	
DDG 51 (Flight II) Class Tactical Publication *NTRP 3-20.6.08, Volume 2*	
DDG 51 (Flight IIA) Class Tactical Publication *NTRP 3-20.6.08, Volume 3*	
FC Volumes *NAVEDTRA Series*	
Maritime Air and Missile Defense Employment *NTTP 3-01.12*	
Naval Ships' Technical Manual Chapter 300 - Electric Plant-General *S9086-KC-STM-010*	
Naval Ships' Technical Manual Chapter 400 - Electronics *S9086-ND-STM-010*	
NEETS, Module 01--Matter, Energy, and Direct Current *NAVEDTRA 14173A*	
NEETS, Module 02--Alternating Current and Transformers *NAVEDTRA 14174A*	
NEETS, Module 03--Introduction to Circuit Protection, Control, and Measurement *NAVEDTRA 14175A*	
NEETS, Module 04--Electrical Conductors, Wiring Techniques and Schematic Reading *NAVEDTRA 14176A*	
NEETS, Module 05--Generators and Motors *NAVEDTRA 14177A*	
NEETS, Module 06--Introduction To Electronic Emission, Tubes, And Power Supplies *NAVEDTRA 14178*	
NEETS, Module 07--Solid-State Devices And Power Supplies *NAVEDTRA 14179A*	
NEETS, Module 08--Introduction To Amplifiers *NAVEDTRA 14180*	
NEETS, Module 09--Introduction To Wave-Generation and Wave-Shaping Circuits *NAVEDTRA 14181*	
NEETS, Module 10--Introduction to Wave Propagation, Transmission Lines, and Antennas *NAVEDTRA 14182*	
NEETS, Module 11--Microwave Principles *NAVEDTRA 14183*	
NEETS, Module 12--Modulation Principles *NAVEDTRA 14184*	
NEETS, Module 13--Number Systems And Logic Circuits *NAVEDTRA 14185A*	
NEETS, Module 14--Introduction To Microelectronics *NAVEDTRA 14186*	
NEETS, Module 15--Principles Of Synchros, Servos, And Gyros *NAVEDTRA 14187A*	
NEETS, Module 16--Test Equipment *NAVEDTRA 14188A*	
NEETS, Module 17--Radio Frequency Communications Principles *NAVEDTRA 14189*	
NEETS, Module 18--Radar Principles *NAVEDTRA 14190*	
NEETS, Module 19--The Technician's Handbook *NAVEDTRA 14191*	
NEETS, Module 21--Test Methods And Practices *NAVEDTRA 14193*	
NEETS, Module 22--Digital computers *NAVEDTRA 14194A*	
NEETS, Module 24--Fiber Optics *NAVEDTRA 14196A*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
TACMEMOs (Platform/System Specific)	

Fire Controlman Aegis
Petty Officer First Class
(Journeyman/Master)

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
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Cooperative Engagement Capability (CEC) Tactical Operations (TACOPS) [1]	CSCS DETs (various)	S-104-9800	4 days	
Ship's Warfare Tactical Applications Course [1]	CSCS DETs (various)	A-221-0286	11 days	
AEGIS Combat Systems Maintenance Team [1]	CSCS DETs (various)	S-121-0484	4 days	
AN/SPY-1A(V) Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0601	5 days	
AN/SPY-1B/D Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0602	5 days	
AN/SPY-1D(V) Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-221-0150	5 days	
AN/SPY-1 B/L 9 IAMD Radar System Controller (RSC) Enhanced [1]	CSCS DETs (various)	A-104-0605	5 days	
AN/SPY-1 Advanced BMD Self-Assessment and Groom Training (SPY BMD SAGT) [1]	CSCS DETs (various)	A-104-0020	5 days	
Integrated Air and Missile Defense AN/SPY-1A(V) Self-Assessment and Groom Training (SPY-1A SAGT) [1]	CSCS DETs (various)	A-121-0051	5 days	
AN/SPY-1D(V) Self-Assessment and Groom Training (SPY-1D(V) SAGT) [1]	CSCS DETs (various)	A-121-0052	5 days	
AN/SPY-1 B/L 9C Advanced BMD Self-Assessment and Groom Training (SPY 9C SAGT) [1]	CSCS DETs (various)	A-150-9015	5 days	
AEGIS Advanced Air Cooled Solid State Frequency Converter 400Hz Power System Self-Assessment and Groom Training (ACSSFC 400Hz SAGT) [1]	CSCS DETs (various)	A-104-0024	3 days	
AEGIS Advanced MK84 400Hz Power System Self-Assessment and Groom Training (MK84 400Hz SAGT) [1]	CSCS DETs (various)	A-104-0029	3 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 6.3 [1]	CSCS DETs (various)	A-150-2024	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 7.2A [1]	CSCS DETs (various)	A-150-0770	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 7.2B [1]	CSCS DETs (various)	A-150-2025	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 8 [1]	CSCS DETs (various)	A-150-0071	12 days	
AEGIS Computer Network Technician Self-Assessment and Groom Training (ACNT SAGT) B/L 9 [1]	CSCS DETs (various)	A-150-0086	12 days	
Integrated Air and Missile Defense C4I Self-Assessment and Groom Training (IAMD C4I SAGT) [1]	CSCS DETs (various)	A-101-0027	5 days	
Navigation Self Assessment and Groom Training (NAV SAGT) [1]	CSCS DETs (various)	A-102-0433	5 days	
Embedded Training System Self-Assessment and Groom Training for the Aegis Combat System (AEGIS ETS SAGT) [1]	CSCS DETs (various)	A-221-0151	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0094	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0093	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0095	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0096	5 days	
Fiber Optics Maintenance Technician [1]	CSCS DETs (various)	A-670-0063	12 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
V01C - AEGIS Weapon System Supervisor B/L 9C Mk 6 Mod 0 Operation and Maintenance (ACNT) [1]	Dahlgren, VA	A-150-4229	142 days	
V02C - AEGIS Weapon System Supervisor B/L 9C Mk 6 Mod 0 Operation and Maintenance (FCS) [1]	Dahlgren, VA	A-150-4229	142 days	
V03C - AEGIS Weapon System Supervisor B/L 9C Mk 6 Mod 0 Operation and Maintenance (SPY) [1]	Dahlgren, VA	A-150-4229	142 days	
V07A - AEGIS Ballistic Missile Defense (BMD) B/L 4.X/5.X System Supervisor [1]	Dahlgren, VA	A-121-0058	22 days	
V12A - AEGIS Ballistic Missile Defense (BMD) B/L 3.6 System Supervisor [1]	Dahlgren. VA	A-121-0058	22 days	
V46A - AEGIS Weapon System Supervisor B/L 3/5 Operation and Maintenance (SPY) [1]	Dahglren, VA	A-104-0062	117 days	
V47A - AEGIS Weapon System Supervisor B/L 3/5 Operation and Maintenance (FCS) [1]	Dahlgren, VA	A-104-0062	117 days	
V48A - AEGIS Weapon System Supervisor B/L 3/5 Operation and Maintenance (Computer) [1]	Dahlgren, VA	A-104-0062	117 days	
V49A - AEGIS Weapon System Supervisor B/L 3/5 Operation and Maintenance (Display) [1]	Dahglren, VA	A-104-0062	117 days	
V53A - AEGIS Weapon System Supervisor B/L 6 Operation and Maintenance (SPY) [1]	Dahlgren, VA	A-104-0083	117 days	
V54A - AEGIS Weapon System Supervisor B/L 6 Operation and Maintenance (FCS) [1]	Dahlgren, VA	A-104-0083	117 days	
V55A - AEGIS Weapon System Supervisor B/L 6 Operation and Maintenance (ACNT) [1]	Dahlgren, VA	A-104-0083	117 days	
V58A - AEGIS Weapon System Supervisor B/L 7 Operation and Maintenance (SPY) [1]	Dahlgren, VA	A-121-0594	130 days	
V59A - AEGIS Weapon System Supervisor B/L 7 Operation and Maintenance (FCS) [1]	Dahlgren, VA	A-121-0594	130 days	
V60A - AEGIS Weapon System Supervisor B/L 7 Operation and Maintenance (ACNT) [1]	Dahlgren, VA	A-121-0594	130 days	
V62A - AEGIS Weapon System Supervisor B/L 8 Operation and Maintenance (SPY) [1]	Dahlgren, VA	A-121-0200	120 days	
V63A - AEGIS Weapon System Supervisor B/L 8 Operation and Maintenance (FCS) [1]	Dahlgren, VA	A-121-0200	120 days	
V64A - AEGIS Weapon System Supervisor B/L 8 Operation and Maintenance (ACNT) [1]	Dahlgren, VA	A-121-0200	120 days	
V66A - AEGIS Weapon System Supervisor B/L 9A Operation and Maintenance (SPY) [1]	Dahlgren, VA	A-150-4219	144 days	
V67A - AEGIS Weapon System Supervisor B/L 9A Operation and Maintenance (FCS) [1]	Dahlgren, VA	A-150-4219	144 days	
V68A - AEGIS Weapon System Supervisor B/L 9A Operation and Maintenance (ACNT) [1]	Dahlgren, VA	A-150-4219	144 days	
V73A - AEGIS Weapon System Supervisor B/L 9C Operation and Maintenance (SPY) [1]	Dahlgren, VA	A-150-4222	143 days	
V74A - AEGIS Weapon System Supervisor B/L 9C Operation and Maintenance (FCS) [1]	Dahlgren, VA	A-150-4222	143 days	
V75A - AEGIS Weapon System Supervisor B/L 9C Operation and Maintenance (ACNT) [1]	Dahlgren, VA	A-150-4222	143 days	
803R - Enlisted Navy Recruiting Orientation/Recruiter Canvasser [1]	Pensacola, FL	S-501-0020	33 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8RDC - Recruit/Assistant Recruit Company Commander/Recruit Instructor	Great Lakes, IL	A-012-0037	87 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Support command and Navy mission by employing knowledge, skills, and abilities obtained during formal and on-the-job training events to perform corrective and preventive maintenance on systems assigned and tasks directed by the chain of command and those appointed over you.

RECOMMENDED BILLET ASSIGNMENTS

Work Center Supervisor afloat or ashore
Leading Petty Officer afloat or ashore
Other Opportunities:

- Instructor
- Recruiter
- RDC
- DAPA
- Counseling and Assistance Center (CAAC)
- Career Counselor
- Joint Assignments
- Overseas Contingency Operations Support Assignments (OSA)

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address		QD Phone Number:	
Mobilization UIC:			
Naval Reserve Activity:			
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:	

Date of Initial Entry to Military Service (DIEMS): Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E6 (3 Years time in service required to be eligible for advancement to E7)

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

(E6) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360: Special Program: Member Request:

HYT 24 months (Date): HYT Waiver Date: ☐ Approve ☐ Disapprove

C-WAY-REEN 18 months to EAOS/EOS: Career Waypoint not approved:

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

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

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

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

Naval Academy: Naval Academy Preparatory School (NAPS):

Limited Duty Officer:

Officer Candidate School: Seaman to Admiral 21 (STA-21):

Medical Enlisted Commissioning Program (MECP): Medical Service Corps In-service Procurement:

SELECTION BOARD CHECKLIST FOR E6 PROMOTION TO CPO

Step 1 - Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This should be accomplished every six months after promotion to Second Class. However, it is imperative that this is accomplished six months prior to a selection board. 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 in to My Navy Portal (MNP) 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 in to (https://awards.navy.mil/) to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.
e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.
f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

Step 2 - Submit appropriate missing documents to the selection board.

a. Selection board packages provide candidates the opportunity to submit any documents missing from the sections of their records which are viewed by the selection boards. MILPERSMAN 1070-080 specifies which documents from the enlisted permanent personnel record are provided to the selection board for review. Any documents the member has verified as missing from those sections of their permanent personnel record may be submitted as a selection board package.
b. For submissions directly to the board and for those circumstances where the eligible candidate cannot get their official record updated and confirmed prior to the selection board convening date:
   1. All correspondence should be on plain white paper for readability; paper clipped (no staples, binders, folders, or tabs) and submitted under cover letter to the president of the board. Candidates must verify the correct subject line and board number (see below) is on their cover letters to ensure their packages appear before the proper board.
   2. Correspondence must include your Full name and SSN, must be affixed and legible on all documents submitted, and must be emailed encrypted to the address provided in the associated NAVADMIN or postmarked not later than the date listed in the associated NAVADMIN addressed to:

      NAVY PERSONNEL COMMAND CUSTOMER SERVICE CENTER
      PRESIDENT
      FY-**XX ACTIVE/RESERVE** E7 ENLISTED SELECTION BOARD #**XXX**
      5640 TICONDEROGA LOOP BLDG 768 RM E302
      MILLINGTON TN 38055
      (Active = 360 / SELRES = 335 / FTS = 336)

      (Use of special handling mail (certified or registered) is not advised due to significant delays in handling.)
c. Ensure official record reflects any individual augmentation mission (awards, evals, NEC, etc).
d. Check https://www.public.navy.mil/bupers-npc/boards/activedutyenlisted/Pages/GeneralInformation.aspx to verify that the selection board has received your correspondence (if sent).

NOTE: It is highly recommended that if corrections or updates are made, review your OMPF; or if Deployed, re-order your CD-ROM to confirm changes. (NOTE: Please allow 60 days for changes to take effect)

Step 3 - After reviewing your service record - such as evaluations, awards, qualifications, etc. - start reviewing what you can do to improve yourself, such as:

a. Request a **Career Development Board (CDB)** through your chain of command.
b. Take a good, hard look at the type of **Collateral Duties** you are assigned. Review your command collateral duties instruction and talk with your COC and / or appear before the CDB. Take the tough command duties that provide the most involvement in the command as a whole and that have direct Sailor support.
c. Review your current level of education to see how far along you are in earning a **college degree** and pursue **non-resident Navy courses** to expand your level of knowledge. Complete the **Navy e-Learning courses** on **MNP** that are recommended in this document. Check Navy COOL (https://www.cool.navy.mil/usn) for any related credentials for which you may be qualified.
d. Check out **OTHER Learning Opportunities** to add to your service record, such as the CANTRAC Volume I (Training Facilities) and CANTRAC Volume II (Course Descriptions) at https://main.prod.cetars.training.navy.mil/cetars/main.html.

Step 4 - Review qualifications that your rating values or requires for advancement and create a plan to earn these important pieces in the professional growth and advancement puzzle. Read the applicable NAVADMIN for additional dates and information, and review previous selection board precepts.

Step 5 - Prepare for the next CPO Advancement Exam cycle in January for Active Duty & February for Reserves as soon as the Bibliography References are posted six months prior in July. Use the Navy Advancement Center info and website listed above in the advancement section.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
Petty Officer of the Watch (POOW)		
Officer of the Deck (OOD) (In Port)		
Small Weapon Qualification (9mm, Rifle, Shotgun)		
Junior Officer of the Deck (JOOD) (Underway)		
Personnel Qualification Standard		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer (RPPO)		
3M 303 Work Center Supervisor (WCS)		
3M 304 Division Officer (DIVO)		
3M 305 Departmental 3M Assistant		
CSOSS 301 Technician		
CSOSS 302 Area Supervisor		
CSOSS 303 Combat System Officer of the Watch (CSOOW)		

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

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Enlisted Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Various Reaction Force Watches		
Duty Combat Systems Officer		
Combat Systems Training Team		
Anti-Terrorism/Force Protection Training Team		
Ordnance Handling Team Member		
Ordnance Handling Team Leader		
Explosive Handling Qual/Cert Program (As Required)		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the FCA-Fire Controlman (AEGIS) rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E4	Cisco Systems, Inc.	Cisco Certified CyberOps Associate	
E5	Cisco Systems, Inc.	Cisco Certified Network Associate (CCNA)	
E6	Cisco Systems, Inc.	Cisco Certified Network Professional (CCNP) Enterprise	
E4	Cisco Systems, Inc.	Cisco Certified Technician Routing and Switching (CCT Routing and Switching)	
E3	Computing Technology Industry Association (CompTIA)	CompTIA A+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA IT Fundamentals (ITF+)	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Network+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Security+	
E6	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Computer Service Technician (CST)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	Electronics Technicians Association, International (ETA-I)	General Communications Technician - Level 1 (GCT1)	
E4	Electronics Technicians Association, International (ETA-I)	Network Computer Technician (NCT)	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Electronics Technicians Association, International (ETA-I)	Network Systems Technician (NST)	
E4	Electronics Technicians Association, International (ETA-I)	RADAR Electronics Technician (RAD)	
E6	Electronics Technicians Association, International (ETA-I)	Telecommunications Electronics Technician (TCM)	
E6	Electronics Technicians Association, International (ETA-I)	Termination and Testing Technician (TTT)	
E4	InterNational Electrical Testing Association (NETA)	ETT Certified Assistant Level 2	
E6	InterNational Electrical Testing Association (NETA)	ETT Certified Senior Technician Level 4	
E5	InterNational Electrical Testing Association (NETA)	ETT Certified Technician Level 3	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the FCA-Fire Controlman (AEGIS) rating.

For more information about these apprenticeships, visit USMAP at https://usmap.netc.navy.mil/.

Rank	Apprenticeship	Date Completed
	Computer Operator	
	Counselor (Professional & Kindred)	
	Electronics Technician	
	Industrial Maintenance Mechanic	
	Internetworking Technician	
	Optical-Instrument Assembler (Optical Goods)	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the FCA-Fire Controlman (AEGIS) Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Occupation (Civilian Employer)
Career/Technical Education Teachers, Postsecondary
Computer Hardware Engineers
Computer Systems Analysts
Computer, Automated Teller, and Office Machine Repairers
Data Entry Keyers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electro-Mechanical and Mechatronics Technologists and Technicians
Equal Opportunity Representatives and Officers
Explosives Workers, Ordnance Handling Experts, and Blasters
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
Industrial Machinery Mechanics
Labor Relations Specialists
Photonics Engineers
Photonics Technicians
Plumbers, Pipefitters, and Steamfitters
Radio, Cellular, and Tower Equipment Installers and Repairers
Software Developers
Telecommunications Equipment Installers and Repairers, Except Line Installers
Training and Development Managers

Occupation (Federal Employer)
0804 - Fire Protection Engineering Series
0855 - Electronics Engineering Series
0856 - Electronics Technical Series
1550 - Computer Science Series
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
9944 - Electronics Technician

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

E6 and below with less than 14 years of service will require a C-Way Application to be approved for reenlistment or extension.

Once C-Way application is approved, the Sailor should request to Reenlist or Extend with the appropriate form.

REENLIST / EXTEND: Request Chit/Form:

Career Waypoints-Reenlistment Approval:

School as a Reenlistment Incentive:

Prior Service Reenlistment Eligibility - Reserve (PRISE-R):

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

RC to AC/FTS

See MILPERSMAN 1306-1505: Sailors may complete a component change from the Reserve Component (RC) to AC (RC2AC/FTS). This not only leverages existing skill sets that reside in the RC population to improve and maintain AC community health, but also provides qualified Sailors with an opportunity to resume or begin a career in the AC/FTS. This component change refers to a permanent transfer from RC2AC/FTS. This voluntary program enables qualified, eligible enlisted RC Sailors to submit applications in Career Waypoints (C-WAY) based on available quotas published on the Bureau of Naval Personnel (BUPERS), Enlisted Community Manager (BUPERS-32) Web page at: https://www.public.navy.mil/bupers-npc/enlisted/community/selres/Pages/EnlistedReserveOpportunities.aspx.
If you have any questions or concerns, contact your unit or NOSC career counselor.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

School as a Reenlistment Incentive:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

Canvasser Recruiter (CANREC)

The Canvasser Recruiter (CANREC) Recall Program is a voluntary and temporary recall program for RC personnel to serve as production recruiters in support of the Navy Prior Service recruiting mission. Personnel eligible to volunteer for a Definite (also termed as “temporary”) Recall to Active Duty (ACDU) as a CANREC are Reserve Component (RC) members, specifically Selected Reserve (SELRES), Individual Ready Reserve (IRR-ASP), and Voluntary Training Unit (VTU) personnel.
For additional information, go to:
https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/definiterecall/Pages/CANRECRecall.aspx.

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 Waypoints 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 16 months prior to expiration of active/reserve obligated service (EAOS/EOS) or as extended (SEAOS/SEOS). Sailors with less than 24 months of contract time remaining at their projected rotation date (PRD) will submit an application 15 months prior to their PRD. In either case, the Career Waypoints system will automatically generate

applications for Sailors 18 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/Reserve Obligated Service (SEAOS/SEOS)/End of Active/Reserve Obligated Service (EAOS/EOS) applications are created by C-Way at the 18 month from S/EAOS/EOS mark and must be submitted by the Command Career Counselor at the 16 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 16 to 13 months from S/EAOS/EOS with career choice options of in-rate, conversion, and Selected Reserve. The second review gate occurs from 12 to 9 months from S/EAOS/EOS with career choice options of conversion and Selected Reserve. From 8 months to 4 months to S/EAOS/EOS 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
  - AC to AC or FTS to FTS
  - RC to AC/FTS
  - RC to RC
  - AC/FTS to CIP (Intermission)
  - AC/FTS to Tour w/ Industry
  - SELRES option
  - Canvasser Recruiter
  - Intend to separate
  - Not eligible

In February 2014, C-Way delivered auto-approval capabilities to provide reenlistment decisions on S/EAOS/EOS 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 E6, 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 Sailors 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 Waypoint system.
- For additional guidance, see MILPERSMAN 1160-140, NAVADMIN 231/17, and your Career Counselor
  Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

Targeted Reentry Program (TRP)

NAVADMIN 047/18 empowers COs with the ability to identify and recommend SELRES on active duty/Definite Recall (ACDU) and Full Time Support (FTS) enlisted personnel, who are the best and brightest, the option for expedited reentry to Active Duty in the Navy.

- *Golden Ticket* – Sailors are guaranteed an expedited return to ACDU within one year from separation from ACDU. Sailors who do not use their Golden Ticket within one year are automatically convert to a Silver Ticket for one additional year. Sailors must remain fully qualified.
- *Silver Ticket* – Sailors are afforded an expedited return to ACDU within two years from separation date. This opportunity is subject to Needs of the Navy (NOTN) and provided the Sailor remains fully qualified.

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.

For additional guidance, see MILPERSMAN 1001-260, NAVADMIN 231/17, and your Career Counselor
Or call My Navy Call Center: (833) 330-MNCC or (901) 874-MNCC; or askmncc@navy.mil

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
Career Waypoint	Career Waypoint	Career Waypoint	Accept Orders	Screening
Exception Family Member	Exception Family Member	Medical/Dental	Reverse Sponsor	Obligate
MNA	MNA	MNA	Relocation (FFSC)	Bonus
Mil to Mil	Eval	SRB	SRB	
Family Care Plan				
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA *(verify account access)*	MNA *(extend in current field)*	MNA *(apply for billets)*	MNA *(apply for billets)*	Sign Eval
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH) *Reserve Only*	Reserve Affiliation	Request Leave / PTDY	DD 214*
	VA/DVA		

**Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.*

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 (AC BCA)

Last 2 PRT Cycles: Forearm Plank / 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: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (E6)

(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 call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal _____

** Various degree options are available in the Advanced Education section. **

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

Joint Service Transcripts (JST)

HS Transcripts College Transcripts

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

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

Academic skills NCPACE CLEP DSST

TA MGIB MGIB-SR Post 9/11 GIB

E6 REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Advanced Leader Development Course	Water front/ Flightline/ Various [4]	NELD-05	4 days	
Professional Military Knowledge Eligibility Exam (PMK-EE) for E7	Navy e-Learning	NETCPDC-PMK-EE-E7-1.0		
ADAMS for Supervisors	Various Locations	S-501-0120	8 hrs	
ADAMS for Facilitators	Various Locations	S-501-0110	16 hrs	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.

E6 REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

E6 RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Professional Military Knowledge Eligibility Exam (PMK-EE) Study Material	Navy e-Learning	NETCPDC-PMK-EE-SM-1.0		
Military Requirements for Chief Petty Officer	Navy e-Learning	NRTC-NAVEDTRA-14144-MRFCPO-1.0		
Basic Enlisted Professional Military Education (BEPME)	Navy e-Learning	Military DON/ PME	20 hrs	
Block 1 Basic EPME - Introduction	Navy e-Learning	NWC-EPME-BASIC-B1		
Block 2 Basic EPME - Navy History and Heritage	Navy e-Learning	NWC-EPME-BASIC-B2		
Block 3 Basic EPME - The Navy Professional	Navy e-Learning	NWC-EPME-BASIC-B3		
Block 4 Basic EPME - Organization and Guidance	Navy e-Learning	NWC-EPME-BASIC-B4		
Block 5 Basic EPME - Planning	Navy e-Learning	NWC-EPME-BASIC-B5		
Block 6 Basic EPME - Regional Expertise and Cultural Awareness	Navy e-Learning	NWC-EPME-BASIC-B6		
Block 7 Basic EPME - Technology for the Warfighter	Navy e-Learning	NWC-EPME-BASIC-B7		
Block 8 Basic EPME - Conclusion	Navy e-Learning	NWC-EPME-BASIC-B8		
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-3.0	10 hrs	
Evaluation and Fitness Reports	Navy e-Learning	002EF01		
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Nutrition	Navy e-Learning	NMHCI2107V2.1	1 hour	
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
21st Century CONSEP (Mid-Career)	Fleet and Family Service Center		2 days	
Recommended General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

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 CNFR 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 CNFR N7.

E6 RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required):
https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

E6 RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Reading-Program/

ESSENTIAL READING

Naval Power (First 5 offerings)	Completed
Visit https://www.navy.mil/CNO-Reading-Program/Naval-Power for complete list.	
Sea Power *by Admiral James Stavridis*	
Toward a New Maritime Strategy *by Peter D. Haynes*	
The Rules Of The Game *by Andrew Gordon*	
Sea Power *by Geoffrey Till*	
Red Star Over The Pacific *by Toshi Yoshihara and James R. Holmes*	
High Velocity Outcomes (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/HVO for complete list.	
Democracy *by Condoleezza Rice*	
A World in Disarray *by Richard Haass*	
Our Robots, Ourselves *by David A. Mindell*	
On Writing Well *by William Zinsser*	
The Innovator's Dilemma *by Clayton M. Christensen*	
Navy Team (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Navy-Team for complete list.	
The Accidental Admiral *by James Stavridis*	
Team of Teams *by Stanley Mc Chrystal*	
Navigating the Seven Seas *by Melvin G. Williams, Sr. and Melvin G. Williams, Jr.*	
Leadership on the Line *by Ronald A Heifetz and Marty Linsky*	
A Vietnam Experience *by James Stockdale*	
Partnerships (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Partner-Network for complete list.	
Partnerships for the Americas *by James Stavridis*	
The Accidental Superpower *by Peter Zeihan*	
Asia's Cauldron *by Robert D. Kaplan*	
World Order *by Henry Kissinger*	
At Ease *by Dwight Eisenhower*	

Reading, discussing, and understanding the ideas found in the CNO PRP will not only improve our critical thinking skills, but will also help us become better Sailors, citizens, and most importantly, leaders. This list is not intended to limit professional reading or learning in any way, but merely to provide easy access to a few of the many titles that will benefit our service.

The Chief of Naval Operations' tenets and Lines of Effort: Strengthening Naval Power at and from the Sea; Achieving High Velocity Learning at Every Level; Strengthening Our Navy Team for the Future; and Expanding and Strengthening our Network of Partners. These LOEs have themes common to all Sailors - Integrity, Accountability, Initiative, and Toughness.

The books are organized by the Lines of Effort, but there are several other categories as well. A Design for Maintaining Maritime Superiority is included in addition to a section of books - Fundamentals for the Naval Professional - that contains canonical books about warfighting, diplomacy, and strategy. Many books on both lists are available as e-books through the Navy General Library Program.

The entire list of over 140 book summaries and additional information is available at https://www.navy.mil/CNO-Reading-Program/A-Z-List

E6 RECOMMENDED COMMUNITY READING

Title	Completed
AEGIS Air Defense Core Tactics *NTTP 3-01.5*	
AEGIS Capabilities and Limitations (Ship Specific)	
AEGIS CG Class Tactical Publication *NTRP 3-20.6.02*	
AEGIS Combat System Technical Operations Manual (CSTOM) (Ship Specific) *Various*	
Basic Liquid Cooling Systems for Shipboard Electronics *S9536-BD-HBK-010*	
Combat Systems Alignment Manual *NAVSEA SW225-CH-CSA-010*	
Combat Systems Alignment Theory *NAVSEA SW225-A0-MMA-010*	
Combat Systems Operational Sequencing System (CSOSS) Manuals (Ship Specific)	
DDG 51 (Flight I) Class Tactical Publication *NTRP 3-20.6.08, Volume I*	
DDG 51 (Flight II) Class Tactical Publication *NTRP 3-20.6.08, Volume 2*	
DDG 51 (Flight IIA) Class Tactical Publication *NTRP 3-20.6.08, Volume 3*	
FC Volumes *NAVEDTRA Series*	
Joint Fleet Maintenance Manual (JFMM) Vol. V *COMFLTFORCOMINST 4790.3*	
Maritime Air and Missile Defense Employment *NTTP 3-01.12*	
Naval Ships' Technical Manual Chapter 300 - Electric Plant-General *S9086-KC-STM-010*	
Naval Ships' Technical Manual Chapter 400 - Electronics *S9086-ND-STM-010*	
NEETS, Module 01--Matter, Energy, and Direct Current *NAVEDTRA 14173A*	
NEETS, Module 02--Alternating Current and Transformers *NAVEDTRA 14174A*	
NEETS, Module 03--Introduction to Circuit Protection, Control, and Measurement *NAVEDTRA 14175A*	
NEETS, Module 04--Electrical Conductors, Wiring Techniques and Schematic Reading *NAVEDTRA 14176A*	
NEETS, Module 05--Generators and Motors *NAVEDTRA 14177A*	
NEETS, Module 06--Introduction To Electronic Emission, Tubes, And Power Supplies *NAVEDTRA 14178*	
NEETS, Module 07--Solid-State Devices And Power Supplies *NAVEDTRA 14179A*	
NEETS, Module 08--Introduction To Amplifiers *NAVEDTRA 14180*	
NEETS, Module 09--Introduction To Wave-Generation and Wave-Shaping Circuits *NAVEDTRA 14181*	
NEETS, Module 10--Introduction to Wave Propagation, Transmission Lines, and Antennas *NAVEDTRA 14182*	
NEETS, Module 11--Microwave Principles *NAVEDTRA 14183*	
NEETS, Module 12--Modulation Principles *NAVEDTRA 14184*	
NEETS, Module 13--Number Systems And Logic Circuits *NAVEDTRA 14185A*	
NEETS, Module 14--Introduction To Microelectronics *NAVEDTRA 14186*	
NEETS, Module 15--Principles Of Synchros, Servos, And Gyros *NAVEDTRA 14187A*	
NEETS, Module 16--Test Equipment *NAVEDTRA 14188A*	
NEETS, Module 17--Radio Frequency Communications Principles *NAVEDTRA 14189*	
NEETS, Module 18--Radar Principles *NAVEDTRA 14190*	
NEETS, Module 19--The Technician's Handbook *NAVEDTRA 14191*	
NEETS, Module 21--Test Methods And Practices *NAVEDTRA 14193*	
NEETS, Module 22--Digital computers *NAVEDTRA 14194A*	
NEETS, Module 24--Fiber Optics *NAVEDTRA 14196A*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Smooth Log (Ship Specific)	
TACMEMOs (Platform/System Specific)	

Fire Controlman Aegis
Chief Petty Officer
(Master)

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
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Embedded Training System Self-Assessment and Groom Training for the Aegis Combat System (AEGIS ETS SAGT) [1]	CSCS DETs (various)	A-221-0151	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0094	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0093	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0095	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0096	5 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
V07A - AEGIS Ballistic Missile Defense (BMD) B/L 4.X/5.X System Supervisor [1]	Dahlgren, VA	A-121-0058	22 days	
V12A - AEGIS Ballistic Missile Defense (BMD) B/L 3.6 System Supervisor [1]	Dahlgren. VA	A-121-0058	22 days	
V45A - AEGIS Weapon System Supervisor Track 2 Operation and Maintenance (AEGIS LCPO) [1]	Dahlgren, VA	S-121-0547	110 days	
V52A - AEGIS Weapon System Supervisor B/L 6.X Operation and Maintenance (AEGIS LCPO) [1]	Dahlgren, VA	S-121-0005	122 days	
V57A - AEGIS Weapon System Supervisor B/L 7.X Operation and Maintenance (AEGIS LCPO) [1]	Dahlgren, VA	S-121-0574	143 days	
V61A - AEGIS Weapon System Supervisor B/L 8.X Operation and Maintenance (AEGIS LCPO) [1]	Dahlgren, VA	A-121-0200	120 days	
V65A - AEGIS Weapon System Supervisor B/L 9.A Operation and Maintenance (AEGIS LCPO) [1]	Dahlgren, VA	A-150-1073	138 days	
V72A - AEGIS Weapon System Supervisor B/L 9.C Operation and Maintenance (AEGIS LCPO) [1]	Dahlgren, VA	A-150-1072	138 days	
725A - Combat Systems Senior Enlisted (CSSE) [1]	Virginia Beach, VA	J-500-2104	12 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8RDC - Recruit/Assistant Recruit Company Commander/Recruit Instructor	Great Lakes, IL	A-012-0037	87 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Manage the daily functions of the division, focusing on system/equipment maintenance and overseeing the growth and well-being of each Sailor under your charge.

RECOMMENDED BILLET ASSIGNMENTS

Leading Chief Petty Officer afloat or ashore
Other Opportunities:

- Instructor/Facilitator
- Detailer
- Staff Duty
- Recruiter
- RDC
- DAPA
- Counseling and Assistance Center (CAAC)
- Career Counselor
- 3-M Coordinator
- Joint Assignments
- Overseas Contingency Operations Support Assignments (OSA)

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address		QD Phone Number:	
Mobilization UIC:			
Naval Reserve Activity:			
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:	

Date of Initial Entry to Military Service (DIEMS): Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E7 (3 Years time in service required to be eligible for advancement to E8)

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

(E7) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360: Special Program: Member Request:

HYT 24 months (Date): HYT Waiver Date: ☐ Approve ☐ Disapprove

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

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

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

Medical Enlisted Commissioning Program (MECP): Medical Service Corps In-service Procurement:

Officer Candidate School: Limited Duty Officer: Chief Warrant Officer:

SELECTION BOARD CHECKLIST FOR CPO PROMOTION TO SCPO

Step 1 - Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This should be accomplished every six months after promotion to Second Class. However, it is imperative that this is accomplished six months prior to a selection board. 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 in to My Navy Portal (MNP) 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 in to (https://awards.navy.mil/) to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.
e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.
f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

Step 2 - Submit appropriate missing documents to the selection board.

a. Selection board packages provide candidates the opportunity to submit any documents missing from the sections of their records which are viewed by the selection boards. MILPERSMAN 1070-080 specifies which documents from the enlisted permanent personnel record are provided to the selection board for review. Any documents the member has verified as missing from those sections of their permanent personnel record may be submitted as a selection board package.
b. For submissions directly to the board and for those circumstances where the eligible candidate cannot get their official record updated and confirmed prior to the selection board convening date:
   1. All correspondence should be on plain white paper for readability; paper clipped (no staples, binders, folders, or tabs) and submitted under cover letter to the president of the board. Candidates must verify the correct subject line and board number (see below) is on their cover letters to ensure their packages appear before the proper board.
   2. Correspondence must include your Full name and SSN, must be affixed and legible on all documents submitted, and must be emailed encrypted to the address provided in the associated NAVADMIN or postmarked not later than the date listed in the associated NAVADMIN addressed to:

      NAVY PERSONNEL COMMAND CUSTOMER SERVICE CENTER
      PRESIDENT
      FY-**XX ACTIVE/RESERVE** E8 ENLISTED SELECTION BOARD #**XXX**
      5640 TICONDEROGA LOOP BLDG 768 RM E302
      MILLINGTON TN 38055
      (Active = 235 / SELRES = 205 / FTS = 206)

      (Use of special handling mail (certified or registered) is not advised due to significant delays in handling.)
c. Ensure official record reflects any individual augmentation mission (awards, evals, NEC, etc).
d. Check https://www.public.navy.mil/bupers-npc/boards/activedutyenlisted/Pages/GeneralInformation.aspx to verify that the selection board has received your correspondence (if sent).

NOTE: It is highly recommended that if corrections or updates are made, review your OMPF; or if Deployed, re-order your CD-ROM to confirm changes. (NOTE: Please allow 60 days for changes to take effect)

Step 3 - After reviewing your service record - such as evaluations, awards, qualifications, etc. - start reviewing what you can do to improve yourself, such as:

a. Request a **Career Development Board (CDB)** through your chain of command.
b. Take a good, hard look at the type of **Collateral Duties** you are assigned. Review your command collateral duties instruction and talk with your COC and / or appear before the CDB. Take the tough command duties that provide the most involvement in the command as a whole and that have direct Sailor support.
c. Review your current level of education to see how far along you are in earning a **college degree** and pursue **non-resident Navy courses** to expand your level of knowledge. Complete the **Navy e-Learning courses** on **MNP** that are recommended in this document. Check Navy COOL (https://www.cool.navy.mil/usn) for any related credentials for which you may be qualified.
d. Check out **OTHER Learning Opportunities** to add to your service record, such as the CANTRAC Volume I (Training Facilities) and CANTRAC Volume II (Course Descriptions) at https://main.prod.cetars.training.navy.mil/cetars/main.html.

Step 4 - Review qualifications that your rating values or requires for advancement and create a plan to earn these important pieces in the professional growth and advancement puzzle. Read the applicable NAVADMIN for additional dates and information, and review previous selection board precepts.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
Section Leader		
Officer of the Deck (OOD) (In Port)		
Junior Officer of the Deck (JOOD) (At Sea)		
Officer of the Deck (OOD) (At Sea)		
Chief of the Guard (AT/FP)		
Personnel Qualification Standard		
3M 301 Maintenance Person		
3M 302 Repair Parts/Supply Petty Officer (RPPO)		
3M 303 Work Center Supervisor (WCS)		
3M 304 Division Officer (DIVO)		
3M 305 Departmental 3M Assistant		
CSOSS 301 Technician		
CSOSS 302 Area Supervisor		
CSOSS 303 Combat System Officer of the Watch (CSOOW)		
Combat Systems Coordinator		

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

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Enlisted Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Duty Combat Systems Officer		
Combat Systems Training Team (Supervisor)		
Anti-Terrorism/Force Protection Team (Supervisor)		
Ordnance Handling Team Leader		
Explosive Handling Qual/Cert Program (As Required)		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the FCA-Fire Controlman (AEGIS) rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E4	Cisco Systems, Inc.	Cisco Certified CyberOps Associate	
E5	Cisco Systems, Inc.	Cisco Certified Network Associate (CCNA)	
E6	Cisco Systems, Inc.	Cisco Certified Network Professional (CCNP) Enterprise	
E4	Cisco Systems, Inc.	Cisco Certified Technician Routing and Switching (CCT Routing and Switching)	
E3	Computing Technology Industry Association (CompTIA)	CompTIA A+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA IT Fundamentals (ITF+)	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Network+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Security+	
E6	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Computer Service Technician (CST)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	Electronics Technicians Association, International (ETA-I)	General Communications Technician - Level 1 (GCT1)	
E4	Electronics Technicians Association, International (ETA-I)	Network Computer Technician (NCT)	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Electronics Technicians Association, International (ETA-I)	Network Systems Technician (NST)	
E4	Electronics Technicians Association, International (ETA-I)	RADAR Electronics Technician (RAD)	
E6	Electronics Technicians Association, International (ETA-I)	Telecommunications Electronics Technician (TCM)	
E6	Electronics Technicians Association, International (ETA-I)	Termination and Testing Technician (TTT)	
E4	InterNational Electrical Testing Association (NETA)	ETT Certified Assistant Level 2	
E6	InterNational Electrical Testing Association (NETA)	ETT Certified Senior Technician Level 4	
E5	InterNational Electrical Testing Association (NETA)	ETT Certified Technician Level 3	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the FCA-Fire Controlman (AEGIS) rating.

For more information about these apprenticeships, visit USMAP at https://usmap.netc.navy.mil/.

Rank	Apprenticeship	Date Completed
	Computer Operator	
	Counselor (Professional & Kindred)	
	Electronics Technician	
	Industrial Maintenance Mechanic	
	Internetworking Technician	
	Optical-Instrument Assembler (Optical Goods)	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the FCA-Fire Controlman (AEGIS) Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Occupation (Civilian Employer)
Career/Technical Education Teachers, Postsecondary
Computer Hardware Engineers
Computer Systems Analysts
Computer, Automated Teller, and Office Machine Repairers
Data Entry Keyers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electro-Mechanical and Mechatronics Technologists and Technicians
Equal Opportunity Representatives and Officers
Explosives Workers, Ordnance Handling Experts, and Blasters
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
Industrial Machinery Mechanics
Labor Relations Specialists
Photonics Engineers
Photonics Technicians
Plumbers, Pipefitters, and Steamfitters
Radio, Cellular, and Tower Equipment Installers and Repairers
Software Developers
Telecommunications Equipment Installers and Repairers, Except Line Installers
Training and Development Managers

Occupation (Federal Employer)
0804 - Fire Protection Engineering Series
0855 - Electronics Engineering Series
0856 - Electronics Technical Series
1550 - Computer Science Series
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
9944 - Electronics Technician

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA): Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

RC to AC/FTS

MILPERSMAN 1306-1505 states: E7 and above personnel who seek opportunities for component change outside of the established C-WAY-TRANS module application process must contact BUPERS-32 (Enlisted Community Managers) directly.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
MNA	MNA	MNA	Accept Orders	Screening
Exception Family Member	Exception Family Member	Eval	Reverse Sponsor	Obligate
Mil to Mil			Relocation (FFSC)	Bonus
Family Care Plan			Medical/Dental	
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA *(verify account access)*	MNA *(extend in current field)*	MNA *(apply for billets)*	MNA *(apply for billets)*	Sign Eval
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH) *Reserve Only*	Reserve Affiliation	Request Leave / PTDY	DD 214*
	VA/DVA		

**Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.*

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 (AC BCA)

Last 2 PRT Cycles: Forearm Plank / 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: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (CPO)

(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 call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal _____

** Various degree options are available in the Advanced Education section. **

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

Joint Service Transcripts (JST)

HS Transcripts College Transcripts

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

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

NCPACE CLEP DSST TA

MGIB MGIB-SR Post 9/11 GIB AEV

CPO REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Chief Petty Officer Selectee Leadership Course	Command Delivered		5 days	
Chief Petty Officer Leader Development Course	Water front/ Flightline/ Various [4]	NELD-06	5 days	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - See MNP Enlisted Leadership Development page: https://www.mnp.navy.mil/group/training-education-qualifications/enlisted-leader-development.

CPO REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

CPO RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
ADAMS for Leaders	Various	S-501-0130	8 hrs	
Primary Enlisted Professional Military Education (PEPME)	Navy e-Learning	Military DON/ PME	60 hrs	
Block 1 Primary EPME - Introduction	Navy e-Learning	NWC-PPME-SENL-B1		
Block 2 Primary EPME - The Culture of the Navy	Navy e-Learning	NWC-PPME-SENL-B2		
Block 3 Primary EPME - Governance of the Navy	Navy e-Learning	NWC-PPME-SENL-B3		
Block 4 Primary EPME - How the Navy Thinks About War	Navy e-Learning	NWC-PPME-SENL-B4		
Block 5 Primary EPME - How the Navy Plans its Operations	Navy e-Learning	NWC-PPME-SENL-B5		
Block 6 Primary EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-PPME-SENL-B6		
Block 7 Primary EPME - PME Conclusion	Navy e-Learning	NWC-PPME-SENL-B7		
Joint Professional Military Education (JPME)	War College	Military DON/ PME	40 hrs	
Senior Enlisted Academy	Newport RI	P-920-1300	3 weeks (DL) / 3 weeks (F2F)	
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
Recommended General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

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 CNFR 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 CNFR N7.

CPO RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Unit Management (E7-E9)	NRPDC New Orleans	R-7A-0031	5 days	
Reserve Senior Enlisted Management (E7-E9)	NRPDC New Orleans	R-551-0001	12 days	
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Naval Reserve Center Commanding Officer (E7-E9)	Navy e-Learning	CNRFC-COOIC-1.0 /DoN	8 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required): https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

CPO RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Reading-Program/

ESSENTIAL READING

Naval Power (First 5 offerings)	Completed
Visit https://www.navy.mil/CNO-Reading-Program/Naval-Power for complete list.	
Sea Power *by Admiral James Stavridis*	
Toward a New Maritime Strategy *by Peter D. Haynes*	
The Rules Of The Game *by Andrew Gordon*	
Sea Power *by Geoffrey Till*	
Red Star Over The Pacific *by Toshi Yoshihara and James R. Holmes*	
High Velocity Outcomes (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/HVO for complete list.	
Democracy *by Condoleezza Rice*	
A World in Disarray *by Richard Haass*	
Our Robots, Ourselves *by David A. Mindell*	
On Writing Well *by William Zinsser*	
The Innovator's Dilemma *by Clayton M. Christensen*	
Navy Team (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Navy-Team for complete list.	
The Accidental Admiral *by James Stavridis*	
Team of Teams *by Stanley Mc Chrystal*	
Navigating the Seven Seas *by Melvin G. Williams, Sr. and Melvin G. Williams, Jr.*	
Leadership on the Line *by Ronald A Heifetz and Marty Linsky*	
A Vietnam Experience *by James Stockdale*	
Partnerships (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Partner-Network for complete list.	
Partnerships for the Americas *by James Stavridis*	
The Accidental Superpower *by Peter Zeihan*	
Asia's Cauldron *by Robert D. Kaplan*	
World Order *by Henry Kissinger*	
At Ease *by Dwight Eisenhower*	

Reading, discussing, and understanding the ideas found in the CNO PRP will not only improve our critical thinking skills, but will also help us become better Sailors, citizens, and most importantly, leaders. This list is not intended to limit professional reading or learning in any way, but merely to provide easy access to a few of the many titles that will benefit our service.

The Chief of Naval Operations' tenets and Lines of Effort: Strengthening Naval Power at and from the Sea; Achieving High Velocity Learning at Every Level; Strengthening Our Navy Team for the Future; and Expanding and Strengthening our Network of Partners. These LOEs have themes common to all Sailors - Integrity, Accountability, Initiative, and Toughness.

The books are organized by the Lines of Effort, but there are several other categories as well. A Design for Maintaining Maritime Superiority is included in addition to a section of books - Fundamentals for the Naval Professional - that contains canonical books about warfighting, diplomacy, and strategy. Many books on both lists are available as e-books through the Navy General Library Program.

The entire list of over 140 book summaries and additional information is available at https://www.navy.mil/CNO-Reading-Program/A-Z-List

CPO RECOMMENDED COMMUNITY READING

Title	Completed
AEGIS Air Defense Core Tactics *NTTP 3-01.5*	
AEGIS Capabilities and Limitations (Ship Specific)	
AEGIS CG Class Tactical Publication *NTRP 3-20.6.02*	
AEGIS Combat System Technical Operations Manual (CSTOM) (Ship Specific) *Various*	
Ammunition and Explosive Safety Afloat *NAVSEA OP4*	
Ammunition and Explosives Safety Ashore *NAVSEA OP5*	
Basic Liquid Cooling Systems for Shipboard Electronics *S9536-BD-HBK-010*	
Combat Systems Alignment Manual *NAVSEA SW225-CH-CSA-010*	
Combat Systems Alignment Theory *NAVSEA SW225-A0-MMA-010*	
Combat Systems Operational Sequencing System (CSOSS) Manuals (Ship Specific)	
DDG 51 (Flight I) Class Tactical Publication *NTRP 3-20.6.08, Volume I*	
DDG 51 (Flight II) Class Tactical Publication *NTRP 3-20.6.08, Volume 2*	
DDG 51 (Flight IIA) Class Tactical Publication *NTRP 3-20.6.08, Volume 3*	
FC Volumes *NAVEDTRA Series*	
Joint Fleet Maintenance Manual (JFMM) Vol. V *COMFLTFORCOMINST 4790.3*	
Maritime Air and Missile Defense Employment *NTTP 3-01.12*	
Naval Ships' Technical Manual Chapter 300 - Electric Plant-General *S9086-KC-STM-010*	
Naval Ships' Technical Manual Chapter 400 - Electronics *S9086-ND-STM-010*	
NEETS, Module 01--Matter, Energy, and Direct Current *NAVEDTRA 14173A*	
NEETS, Module 02--Alternating Current and Transformers *NAVEDTRA 14174A*	
NEETS, Module 03--Introduction to Circuit Protection, Control, and Measurement *NAVEDTRA 14175A*	
NEETS, Module 04--Electrical Conductors, Wiring Techniques and Schematic Reading *NAVEDTRA 14176A*	
NEETS, Module 05--Generators and Motors *NAVEDTRA 14177A*	
NEETS, Module 06--Introduction To Electronic Emission, Tubes, And Power Supplies *NAVEDTRA 14178*	
NEETS, Module 07--Solid-State Devices And Power Supplies *NAVEDTRA 14179A*	
NEETS, Module 08--Introduction To Amplifiers *NAVEDTRA 14180*	
NEETS, Module 09--Introduction To Wave-Generation and Wave-Shaping Circuits *NAVEDTRA 14181*	
NEETS, Module 10--Introduction to Wave Propagation, Transmission Lines, and Antennas *NAVEDTRA 14182*	
NEETS, Module 11--Microwave Principles *NAVEDTRA 14183*	
NEETS, Module 12--Modulation Principles *NAVEDTRA 14184*	
NEETS, Module 13--Number Systems And Logic Circuits *NAVEDTRA 14185A*	
NEETS, Module 14--Introduction To Microelectronics *NAVEDTRA 14186*	
NEETS, Module 15--Principles Of Synchros, Servos, And Gyros *NAVEDTRA 14187A*	
NEETS, Module 16--Test Equipment *NAVEDTRA 14188A*	
NEETS, Module 17--Radio Frequency Communications Principles *NAVEDTRA 14189*	
NEETS, Module 18--Radar Principles *NAVEDTRA 14190*	
NEETS, Module 19--The Technician's Handbook *NAVEDTRA 14191*	
NEETS, Module 21--Test Methods And Practices *NAVEDTRA 14193*	
NEETS, Module 22--Digital computers *NAVEDTRA 14194A*	
NEETS, Module 24--Fiber Optics *NAVEDTRA 14196A*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Smooth Log (Ship Specific)	
TACMEMOs (Platform/System Specific)	

Fire Controlman Aegis
Senior Chief Petty Officer
(Master)

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
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Embedded Training System Self-Assessment and Groom Training for the Aegis Combat System (AEGIS ETS SAGT) [1]	CSCS DETs (various)	A-221-0151	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0094	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0093	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0095	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0096	5 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
V08A - AEGIS Combat System Maintenance Manager (CSMM) [1]	CSCS DETs (various)	A-121-0705	19 days	
V56A - AEGIS Combat System Maintenance Manager (CSMM) Commercial Off The Shelf (COTS) [1]	CSCS DETs (various)	A-121-0704	26 days	
725A - Combat Systems Senior Enlisted (CSSE) [1]	Virginia Beach, VA	J-500-2104	12 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8CSC - Command Senior Chief (CMDCS) [1]	Newport, RI	A-570-4500	12 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Manage the daily functions of Combat Systems Department, focusing on system/equipment maintenance and overseeing the growth and well-being of each Sailor under your charge. Assert a command-level presence to ensure your professional talents and years of experience are available to the Commanding Officer, Executive Officer, Department Heads, and the Command Master Chief, as well as the crew/staff.

RECOMMENDED BILLET ASSIGNMENTS

Cruiser / Destroyer Department Leading Chief Petty Officer
Combat Systems Maintenance Manager
Other opportunities:

- Command Senior Chief
- Instructor/Facilitator
- Detailer
- Staff Duty
- RDC
- Recruiter
- 3-M Coordinator
- CMEO/EOA
- DAPA
- CACO
- Joint Assignments
- Overseas Contingency Operations Support Assignment (OSA)

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address		QD Phone Number:	
Mobilization UIC:			
Naval Reserve Activity:			
Division Officer:		Phone Number:	
Command Master Chief:		Phone Number:	
Leading Chief Petty Officer:		Phone Number:	
Sponsor/Mentor:		Phone Number:	
Depart/Division Career Counselor:		Phone Number:	

Date of Initial Entry to Military Service (DIEMS): Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

PAYGRADE E8 (3 Years time in service required to be eligible for advancement to E9)

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

(E8) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360: Special Program: Member Request:

HYT 24 months (Date): HYT Waiver Date: ☐ Approve ☐ Disapprove

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

Advancement Center: Visit MNP Advancement & Promotion page located under the Career & Life Events Tab
(Items to collect/discuss: Bibliography for Advancement, Enlisted Advancement Exam Strategy Guide, Profile Sheets)

Advancement:

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

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

Medical Enlisted Commissioning Program (MECP): Medical Service Corps In-service Procurement:

Officer Candidate School: Limited Duty Officer: Chief Warrant Officer:

SELECTION BOARD CHECKLIST FOR SCPO PROMOTION TO MCPO

Step 1 - Review your Official Record to see what documentation, qualifications, etc. may be missing or requiring an update. This should be accomplished every six months after promotion to Second Class. However, it is imperative that this is accomplished six months prior to a selection board. 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 in to My Navy Portal (MNP) 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 in to (https://awards.navy.mil/) to review any awards you may qualify for but were unaware of. Note that this website is only available from a CAC enabled, NMCI machine.
e. **Physical Readiness Information Management System (PRIMS)**: To log in to PRIMS, first log in to BUPERS Online at https://www.bol.navy.mil. Then look half way down the page for the PRIMS login at https://www.bol.navy.mil/bam/.
f. **EOSH**: The Federal Agency Employee Occupational Safety and Health (EOSH) Toolkit is available at https://www.osha.gov/dep/fap/eosh_toolkit.html. It provides a one-stop-shop website that includes "just in time" information about maintaining a safe and healthful workplace.

Step 2 - Submit appropriate missing documents to the selection board.

a. Selection board packages provide candidates the opportunity to submit any documents missing from the sections of their records which are viewed by the selection boards. MILPERSMAN 1070-080 specifies which documents from the enlisted permanent personnel record are provided to the selection board for review. Any documents the member has verified as missing from those sections of their permanent personnel record may be submitted as a selection board package.
b. For submissions directly to the board and for those circumstances where the eligible candidate cannot get their official record updated and confirmed prior to the selection board convening date:
   1. All correspondence should be on plain white paper for readability; paper clipped (no staples, binders, folders, or tabs) and submitted under cover letter to the president of the board. Candidates must verify the correct subject line and board number (see below) is on their cover letters to ensure their packages appear before the proper board.
   2. Correspondence must include your Full name and SSN, must be affixed and legible on all documents submitted, and must be emailed encrypted to the address provided in the associated NAVADMIN or postmarked not later than the date listed in the associated NAVADMIN addressed to:

      NAVY PERSONNEL COMMAND CUSTOMER SERVICE CENTER
      PRESIDENT
      FY-**XX ACTIVE/RESERVE** E9 ENLISTED SELECTION BOARD #**XXX**
      5640 TICONDEROGA LOOP BLDG 768 RM E302
      MILLINGTON TN 38055
      (Active = 210 / SELRES = 205 / FTS = 206)

      (Use of special handling mail (certified or registered) is not advised due to significant delays in handling.)
c. Ensure official record reflects any individual augmentation mission (awards, evals, NEC, etc).
d. Check https://www.public.navy.mil/bupers-npc/boards/activedutyenlisted/Pages/GeneralInformation.aspx to verify that the selection board has received your correspondence (if sent).

NOTE: It is highly recommended that if corrections or updates are made, review your OMPF; or if Deployed, re-order your CD-ROM to confirm changes. (NOTE: Please allow 60 days for changes to take effect)

Step 3 - After reviewing your service record - such as evaluations, awards, qualifications, etc. - start reviewing what you can do to improve yourself, such as:

a. Request a **Career Development Board (CDB)** through your chain of command.
b. Take a good, hard look at the type of **Collateral Duties** you are assigned. Review your command collateral duties instruction and talk with your COC and / or appear before the CDB. Take the tough command duties that provide the most involvement in the command as a whole and that have direct Sailor support.
c. Review your current level of education to see how far along you are in earning a **college degree** and pursue **non-resident Navy courses** to expand your level of knowledge. Complete the **Navy e-Learning courses** on **MNP** that are recommended in this document. Check Navy COOL (https://www.cool.navy.mil/usn) for any related credentials for which you may be qualified.
d. Check out **OTHER Learning Opportunities** to add to your service record, such as the CANTRAC Volume I (Training Facilities) and CANTRAC Volume II (Course Descriptions) at https://main.prod.cetars.training.navy.mil/cetars/main.html.

Step 4 - Review qualifications that your rating values or requires for advancement and create a plan to earn these important pieces in the professional growth and advancement puzzle. Read the applicable NAVADMIN for additional dates and information, and review previous selection board precepts.

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
Section Leader		
Officer of the Deck (OOD) (In Port)		
Command Duty Officer (CDO)		
Junior Officer of the Deck (JOOD)		
Officer of the Deck (OOD) (At Sea)		
Chief of the Guard (AT/FP)		
Personnel Qualification Standard		
3M 304 Division Officer (DIVO)		
3M 305 Departmental 3M Assistant		
3M 306 Department Head		
CSOSS 301 Technician		
CSOSS 302 Area Supervisor		
CSOSS 303 Combat System Officer of the Watch (CSOOW)		
CSOSS 304 Combat System Readiness Officer (CSRO)		
Combat Systems Coordinator		

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

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Enlisted Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Duty Combat Systems Officer		
Combat Systems Training Team (Supervisor)		
Anti-Terrorism/Force Protection Team (Supervisor)		
Ordnance Handling Team Leader		
Explosive Handling Qual/Cert Program (As Required)		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the FCA-Fire Controlman (AEGIS) rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E4	Cisco Systems, Inc.	Cisco Certified CyberOps Associate	
E5	Cisco Systems, Inc.	Cisco Certified Network Associate (CCNA)	
E6	Cisco Systems, Inc.	Cisco Certified Network Professional (CCNP) Enterprise	
E4	Cisco Systems, Inc.	Cisco Certified Technician Routing and Switching (CCT Routing and Switching)	
E3	Computing Technology Industry Association (CompTIA)	CompTIA A+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA IT Fundamentals (ITF+)	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Network+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Security+	
E6	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Computer Service Technician (CST)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	Electronics Technicians Association, International (ETA-I)	General Communications Technician - Level 1 (GCT1)	
E4	Electronics Technicians Association, International (ETA-I)	Network Computer Technician (NCT)	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Electronics Technicians Association, International (ETA-I)	Network Systems Technician (NST)	
E4	Electronics Technicians Association, International (ETA-I)	RADAR Electronics Technician (RAD)	
E6	Electronics Technicians Association, International (ETA-I)	Telecommunications Electronics Technician (TCM)	
E6	Electronics Technicians Association, International (ETA-I)	Termination and Testing Technician (TTT)	
E4	InterNational Electrical Testing Association (NETA)	ETT Certified Assistant Level 2	
E6	InterNational Electrical Testing Association (NETA)	ETT Certified Senior Technician Level 4	
E5	InterNational Electrical Testing Association (NETA)	ETT Certified Technician Level 3	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the FCA-Fire Controlman (AEGIS) rating.

For more information about these apprenticeships, visit USMAP at https://usmap.netc.navy.mil/.

Rank	Apprenticeship	Date Completed
	Computer Operator	
	Counselor (Professional & Kindred)	
	Electronics Technician	
	Industrial Maintenance Mechanic	
	Internetworking Technician	
	Optical-Instrument Assembler (Optical Goods)	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the FCA-Fire Controlman (AEGIS) Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Occupation (Civilian Employer)
Career/Technical Education Teachers, Postsecondary
Computer Hardware Engineers
Computer Systems Analysts
Computer, Automated Teller, and Office Machine Repairers
Data Entry Keyers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electro-Mechanical and Mechatronics Technologists and Technicians
Equal Opportunity Representatives and Officers
Explosives Workers, Ordnance Handling Experts, and Blasters
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
Industrial Machinery Mechanics
Labor Relations Specialists
Photonics Engineers
Photonics Technicians
Plumbers, Pipefitters, and Steamfitters
Radio, Cellular, and Tower Equipment Installers and Repairers
Software Developers
Telecommunications Equipment Installers and Repairers, Except Line Installers
Training and Development Managers

Occupation (Federal Employer)
0804 - Fire Protection Engineering Series
0855 - Electronics Engineering Series
0856 - Electronics Technical Series
1550 - Computer Science Series
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
9944 - Electronics Technician

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA): Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

RC to AC/FTS

MILPERSMAN 1306-1505 states: E7 and above personnel who seek opportunities for component change outside of the established C-WAY-TRANS module application process must contact BUPERS-32 (Enlisted Community Managers) directly.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
MNA	MNA	MNA	Accept Orders	Screening
Exception Family Member	Exception Family Member	Eval	Reverse Sponsor	Obligate
Mil to Mil			Relocation (FFSC)	Bonus
Family Care Plan			Medical/Dental	
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA *(verify account access)*	MNA *(extend in current field)*	MNA *(apply for billets)*	MNA *(apply for billets)*	Sign Eval
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH) *Reserve Only*	Reserve Affiliation	Request Leave / PTDY	DD 214*
	VA/DVA		

**Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.*

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 (AC BCA)

Last 2 PRT Cycles: Forearm Plank / 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: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (SCPO)

(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 call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal _____

** Various degree options are available in the Advanced Education section. **

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

Joint Service Transcripts (JST)

HS Transcripts College Transcripts

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

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

NCPACE CLEP DSST TA

MGIB MGIB-SR Post 9/11 GIB AEV

SCPO REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Senior Enlisted Academy [4]	Newport RI	P-920-1300	3 weeks (DL) / 3 weeks (F2F)	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - NAVADMIN 266/14 As of FY 2017, all newly selected AC and SELRES SCPOs will be required to complete SEA to be eligible for advancement.

SCPO REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

SCPO RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
ADAMS for Leaders	Various	S-501-0130	8 hrs	
Primary Enlisted Professional Military Education (PEPME)	Navy e-Learning	Military DON/ PME	60 hrs	
Block 1 Primary EPME - Introduction	Navy e-Learning	NWC-PPME-SENL-B1		
Block 2 Primary EPME - The Culture of the Navy	Navy e-Learning	NWC-PPME-SENL-B2		
Block 3 Primary EPME - Governance of the Navy	Navy e-Learning	NWC-PPME-SENL-B3		
Block 4 Primary EPME - How the Navy Thinks About War	Navy e-Learning	NWC-PPME-SENL-B4		
Block 5 Primary EPME - How the Navy Plans its Operations	Navy e-Learning	NWC-PPME-SENL-B5		
Block 6 Primary EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-PPME-SENL-B6		
Block 7 Primary EPME - PME Conclusion	Navy e-Learning	NWC-PPME-SENL-B7		
Joint Professional Military Education (JPME)	Navy e-Learning	JKDDC-SNCO-2	60 hrs	
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
CMDCM/COB Leadership Course (Must have FLTCM or FORCM recommendation)	Navy e-Learning/Classroom (Newport, RI)	CPPD/NETC CMDCM-9580 COB-9579		
Navy Reserve Fundamentals for Active Duty Course	Navy e-Learning	NAVRESFOR-NRF-2.0 / US DoN	10 hrs	
Recommended General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.

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 CNFR 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 CNFR N7.

SCPO RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Unit Management (E7-E9)	NRPDC New Orleans	R-7A-0031	5 days	
Reserve Senior Enlisted Management (E7-E9)	NRPDC New Orleans	R-551-0001	12 days	
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Naval Reserve Center Commanding Officer (E7-E9)	Navy e-Learning	CNRFC-COOIC-1.0 /DoN	8 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required): https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

SCPO RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Reading-Program/

ESSENTIAL READING

Naval Power (First 5 offerings)	Completed
Visit https://www.navy.mil/CNO-Reading-Program/Naval-Power for complete list.	
Sea Power *by Admiral James Stavridis*	
Toward a New Maritime Strategy *by Peter D. Haynes*	
The Rules Of The Game *by Andrew Gordon*	
Sea Power *by Geoffrey Till*	
Red Star Over The Pacific *by Toshi Yoshihara and James R. Holmes*	
High Velocity Outcomes (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/HVO for complete list.	
Democracy *by Condoleezza Rice*	
A World in Disarray *by Richard Haass*	
Our Robots, Ourselves *by David A. Mindell*	
On Writing Well *by William Zinsser*	
The Innovator's Dilemma *by Clayton M. Christensen*	
Navy Team (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Navy-Team for complete list.	
The Accidental Admiral *by James Stavridis*	
Team of Teams *by Stanley Mc Chrystal*	
Navigating the Seven Seas *by Melvin G. Williams, Sr. and Melvin G. Williams, Jr.*	
Leadership on the Line *by Ronald A Heifetz and Marty Linsky*	
A Vietnam Experience *by James Stockdale*	
Partnerships (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Partner-Network for complete list.	
Partnerships for the Americas *by James Stavridis*	
The Accidental Superpower *by Peter Zeihan*	
Asia's Cauldron *by Robert D. Kaplan*	
World Order *by Henry Kissinger*	
At Ease *by Dwight Eisenhower*	

Reading, discussing, and understanding the ideas found in the CNO PRP will not only improve our critical thinking skills, but will also help us become better Sailors, citizens, and most importantly, leaders. This list is not intended to limit professional reading or learning in any way, but merely to provide easy access to a few of the many titles that will benefit our service.

The Chief of Naval Operations' tenets and Lines of Effort: Strengthening Naval Power at and from the Sea; Achieving High Velocity Learning at Every Level; Strengthening Our Navy Team for the Future; and Expanding and Strengthening our Network of Partners. These LOEs have themes common to all Sailors - Integrity, Accountability, Initiative, and Toughness.

The books are organized by the Lines of Effort, but there are several other categories as well. A Design for Maintaining Maritime Superiority is included in addition to a section of books - Fundamentals for the Naval Professional - that contains canonical books about warfighting, diplomacy, and strategy. Many books on both lists are available as e-books through the Navy General Library Program.

The entire list of over 140 book summaries and additional information is available at https://www.navy.mil/CNO-Reading-Program/A-Z-List

SCPO RECOMMENDED COMMUNITY READING

Title	Completed
AEGIS Air Defense Core Tactics *NTTP 3-01.5*	
AEGIS Capabilities and Limitations (Ship Specific)	
AEGIS CG Class Tactical Publication *NTRP 3-20.6.02*	
Ammunition and Explosive Safety Afloat *NAVSEA OP4*	
Ammunition and Explosives Safety Ashore *NAVSEA OP5*	
Combat Systems Alignment Manual *NAVSEA SW225-CH-CSA-010*	
Combat Systems Alignment Theory *NAVSEA SW225-A0-MMA-010*	
Combat Systems Operational Sequencing System (CSOSS) Manuals (Ship Specific)	
DDG 51 (Flight I) Class Tactical Publication *NTRP 3-20.6.08, Volume I*	
DDG 51 (Flight II) Class Tactical Publication *NTRP 3-20.6.08, Volume 2*	
DDG 51 (Flight IIA) Class Tactical Publication *NTRP 3-20.6.08, Volume 3*	
FC Volumes *NAVEDTRA Series*	
Joint Fleet Maintenance Manual (JFMM) Vol. V *COMFLTFORCOMINST 4790.3*	
Maritime Air and Missile Defense Employment *NTTP 3-01.12*	
Naval Ships' Technical Manual Chapter 300 - Electric Plant-General *S9086-KC-STM-010*	
Naval Ships' Technical Manual Chapter 400 - Electronics *S9086-ND-STM-010*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Smooth Log (Ship Specific)	
TACMEMOs (Platform/System Specific)	

Fire Controlman Aegis
Master Chief Petty Officer
(Master)

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
See initial skills training from E1-E4 section [1]				

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

RECOMMENDED SKILL TRAINING

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
Embedded Training System Self-Assessment and Groom Training for the Aegis Combat System (AEGIS ETS SAGT) [1]	CSCS DETs (various)	A-221-0151	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0094	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 2 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0093	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Ballistic Missle Defense (BMD) [1]	CSCS DETs (various)	A-121-0095	5 days	
Integrated Air and Missle Defense (IAMD) Advanced Warfare Training (AWT) Phase 3 Non-Ballistic Missle Defense (NON-BMD) [1]	CSCS DETs (various)	A-121-0096	5 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

NAVY ENLISTED CLASSIFICATION CODE (NEC) OPPORTUNITIES

Course Title	Course Location	CIN/CSE/ACE ID	Course Length	Date Completed
V08A - AEGIS Combat System Maintenance Manager (CSMM) [1]	CSCS DETs (various)	A-121-0705	19 days	
V56A - AEGIS Combat System Maintenance Manager (CSMM) Commercial Off The Shelf (COTS) [1]	CSCS DETs (various)	A-121-0704	26 days	
725A - Combat Systems Senior Enlisted (CSSE) [1]	Virginia Beach, VA	J-500-2104	12 days	
805A - Navy Instructor Training Course (NITC) [1]	Various Locations	A-012-0077	19 days	
8CMC - Command Master Chief (CMC)/Chief of the Boat (COB) [1]	Newport, RI	A-570-4500	12 days	

1 - Reserve opportunities may exist, contact Reserve Forces Code N7 for authorization.

JOB DESCRIPTION

Manage the daily functions of Combat Systems Department, focusing on system/equipment maintenance and overseeing the growth and well-being of each Sailor under your charge. Assert a command-level presence to ensure your professional talents and years of experience are available to the Commanding Officer, Executive Officer, Department Heads, and the Command Master Chief, as well as the crew/staff.

RECOMMENDED BILLET ASSIGNMENTS

Cruiser / Destroyer Department Leading Chief Petty Officer
Combat Systems Maintenance Manager
Other opportunities:

- Command Master Chief
- Instructor/Facilitator
- Staff Duty
- Detailer
- Enlisted Community Manager (ECM)
- RDC
- 3-M Coordinator
- CMEO/EOA
- DAPA
- CACO
- Joint Assignments
- Overseas Contingency Operations Support Assignments (OSA)

PERSONAL AND PROFESSIONAL DEVELOPMENT
(Completed at reporting 60 day Career Development Board)

Command Address		QD Phone Number:	
Mobilization UIC:			
Naval Reserve Activity:			
Commanding Officer:		Phone Number:	
Executive Officer:		Phone Number:	
Command Master Chief:		Phone Number:	
Department Head:		Phone Number:	
Division Officer:		Phone Number:	
Leading Chief Petty Officer:		Phone Number:	
Sponsor/Mentor:		Phone Number:	
Depart/Division Career Counselor:		Phone Number:	

Date of Initial Entry to Military Service (DIEMS): Date of Initial Entry Reserve Forces (DIERF):

Pay Entry Base Date (PEBD):

ADSD: Report Date: EAOS/EOS: PRD: SEA / SHORE: /

HYT Date: Security Clearance Level: Date Last updated:

Command INDOC complete:

CAREER DEVELOPMENT BOARDS:
Use OPNAVINST 1040.11(ser) & Career Counselor Handbook NAVPERS 15878

(E9) Reason for Convening/Discussion Items: (Upon completion update (CIMS) Career Information Management System)

Reporting (within 60 days for active duty or four drill weekends for SELRES) (Date Conducted):

24 Month: 48 Month: 60 Month:

Family Care Plan: Mil to Mil:

Sailor 360: Special Program: Member Request:

HYT 24 months (Date): HYT Waiver Date: ☐ Approve ☐ Disapprove

Transfer: Separation: Fleet Reserve Retirement Options:

Physical Fitness Test Failure: Career Status Bonus (election message received):

Overseas Tour Extension Incentives Program (OTEIP):

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

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

Medical Enlisted Commissioning Program (MECP): Medical Service Corps In-service Procurement:

Officer Candidate School: Limited Duty Officer: Chief Warrant Officer:

QUALIFICATIONS

Sea/Shore General Qualifications Watch Standing Qualifications	Report Date	Completion Date (N/A if not required)
Ship Board Fire Fighting		
Basic Damage Control		
Advanced Damage Control		
Section Leader		
Officer of the Deck (OOD) (In Port)		
Command Duty Officer (CDO)		
Junior Officer of the Deck (JOOD)		
Officer of the Deck (OOD) (At Sea)		
Chief of the Guard (AT/FP)		
Personnel Qualification Standard		
3M 304 Division Officer (DIVO)		
3M 305 Departmental 3M Assistant		
3M 306 Department Head		
CSOSS 301 Technician		
CSOSS 302 Area Supervisor		
CSOSS 303 Combat System Officer of the Watch (CSOOW)		
CSOSS 304 Combat System Readiness Officer (CSRO)		
Combat Systems Coordinator		

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

Warfare qualification programs	Report Date	Completion Date (N/A if not required)
Enlisted Surface Warfare Specialist		

Rate Specific/Department Qualifications (Add)	Report Date	Completion Date (N/A if not required)
Duty Combat Systems Officer		
Combat Systems Training Team (Supervisor)		
Anti-Terrorism/Force Protection Team (Supervisor)		
Ordnance Handling Team Leader		
Explosive Handling Qual/Cert Program (As Required)		

Notes on Qualifications:

CREDENTIALING

Navy Credentialing Opportunities On-Line (Navy COOL): Navy COOL assists Sailors (active & reserve) by funding the certification & licensing exams that map their Navy education, training, experience, and competencies to industry/civilian-recognized credentials and occupational equivalents. Sailors may obtain funding for credential examinations, renewals, maintenance fees, and other mandatory examination administrative fees.

The following certifications and licenses are applicable to the FCA-Fire Controlman (AEGIS) rating. *They may require additional education, training or experience.*

For more information about these credentials, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Alternating Current (BEE-AC)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Analog (BEE-A)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Digital (BEE-D)	
E4	Certifying Technical Employee Competence (CertTEC)	Basic Electricity and Electronics - Direct Current (BEE-DC)	
E4	Cisco Systems, Inc.	Cisco Certified CyberOps Associate	
E5	Cisco Systems, Inc.	Cisco Certified Network Associate (CCNA)	
E6	Cisco Systems, Inc.	Cisco Certified Network Professional (CCNP) Enterprise	
E4	Cisco Systems, Inc.	Cisco Certified Technician Routing and Switching (CCT Routing and Switching)	
E3	Computing Technology Industry Association (CompTIA)	CompTIA A+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA IT Fundamentals (ITF+)	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Network+	
E4	Computing Technology Industry Association (CompTIA)	CompTIA Security+	
E6	Electronics Technicians Association, International (ETA-I)	Associate Electronics Technician (CETa)	
E5	Electronics Technicians Association, International (ETA-I)	Computer Service Technician (CST)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate AC (EM2)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Analog (EM3)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Comprehensive (EM5)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate DC (EM1)	
E5	Electronics Technicians Association, International (ETA-I)	Electronics Associate Digital (EM4)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Installer (FOI)	
E5	Electronics Technicians Association, International (ETA-I)	Fiber Optics Technician (FOT)	
E5	Electronics Technicians Association, International (ETA-I)	General Communications Technician - Level 1 (GCT1)	
E4	Electronics Technicians Association, International (ETA-I)	Network Computer Technician (NCT)	

Target Paygrade	Certifying Agency	Credential Title	Date Completed
E4	Electronics Technicians Association, International (ETA-I)	Network Systems Technician (NST)	
E4	Electronics Technicians Association, International (ETA-I)	RADAR Electronics Technician (RAD)	
E6	Electronics Technicians Association, International (ETA-I)	Telecommunications Electronics Technician (TCM)	
E6	Electronics Technicians Association, International (ETA-I)	Termination and Testing Technician (TTT)	
E4	InterNational Electrical Testing Association (NETA)	ETT Certified Assistant Level 2	
E6	InterNational Electrical Testing Association (NETA)	ETT Certified Senior Technician Level 4	
E5	InterNational Electrical Testing Association (NETA)	ETT Certified Technician Level 3	
E4	Transportation Security Administration (TSA)	Transportation Worker Identification Credential (TWIC)	

Out of Rate Certifications and Licensure

Academic Degrees – You are now eligible for credentials towards an earned academic degree.

Cross-Rated Sailors – If you have cross-rated, you now are eligible for credentials related to your prior rating.

Off-Duty or Command-Sponsored Training – You are now eligible for credentials for documented training that fully prepares you for a credential.

Navy Reservists – You may now be eligible for funding of credentials related to your civilian occupation.

Prior Other-Service Enlisted Occupation - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials related to prior other-Service (Army, Air Force, Marine Corps, Coast Guard) enlisted occupation.

Collateral Duty/Out of Rate Assignments - Credentials are also available in these collateral duties/out of rate assignments in which you are serving in or have served in.

Credentials Earned & Maintained Prior to Joining the Navy - If you are Navy enlisted (Active or Reserve), you may now be eligible for funding for credentials that were earned, and maintained, prior to your enlistment in the Navy. The certification or license must have relevance to the needs of the Navy, and must appear on Navy COOL, although it does not need to show the Navy Bucks icon to be funded.

* See the *Additional Funding Opportunities* section on any rating page on Navy COOL for further details.

Leader Credentialing: The following certifications and licenses are applicable to enlisted Leaders (E4 and above). *They may require additional education, training or experience.*

Certifying Agency	Credential Title	Date Completed
American Society for Quality (ASQ)	Certified Manager of Quality/Organizational Excellence (CMQ/OE)	
American Society for Quality (ASQ)	Certified Quality Engineer (CQE)	
American Society for Quality (ASQ)	Certified Reliability Engineer (CRE)	
American Society for Quality (ASQ)	Master Black Belt Certification (MBB)	
American Society for Quality (ASQ)	Quality Auditor Certification (CQA)	
American Society for Quality (ASQ)	Six Sigma Black Belt (CSSBB)	
Computing Technology Industry Association (CompTIA)	CompTIA Project+	
Institute of Certified Professional Managers (ICPM)	Certified Manager (CM)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Black Belt (ICBB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Green Belt (ICGB)	
International Association for Six Sigma Certification (IASSC)	Certified Lean Six Sigma Yellow Belt (ICYB)	
Project Management Institute (PMI)	Certified Associate in Project Management (CAPM)	
Project Management Institute (PMI)	PMI Agile Certified Practitioner (PMI-ACP)	
Project Management Institute (PMI)	PMI Professional in Business Analysis (PMI-PBA)	
Project Management Institute (PMI)	PMI Scheduling Professional (PMI-SP)	
Project Management Institute (PMI)	Portfolio Management Professional (PfMP)	
Project Management Institute (PMI)	Program Management Professional (PgMP)	
Project Management Institute (PMI)	Project Management Professional (PMP)	
Resilience-Building Leader Program	Resilience-Building Leadership Professional (RBLP)	

United Services Military Apprenticeship Program (USMAP): USMAP is available to most active duty occupations and is certified by the U.S. Department of Labor. This is the largest apprenticeship program operating in the U.S. and is recognized by all 50 states. Completion of one of these programs would qualify you as a journeyman, which could mean a significantly higher starting salary in the civilian work force. Most programs require 5-8 years to complete but are transferable if you decide to leave the service prior to completion. USMAP opportunities also exist for SELRES with orders over 12 months.

The following USMAP apprenticeships are applicable to the FCA-Fire Controlman (AEGIS) rating.

For more information about these apprenticeships, visit USMAP at https://usmap.netc.navy.mil/.

Rank	Apprenticeship	Date Completed
	Computer Operator	
	Counselor (Professional & Kindred)	
	Electronics Technician	
	Industrial Maintenance Mechanic	
	Internetworking Technician	
	Optical-Instrument Assembler (Optical Goods)	

POST MILITARY OCCUPATIONS

The following post military occupations are similar to the FCA-Fire Controlman (AEGIS) Rating. For more information about these occupations, visit NAVY COOL at https://www.cool.navy.mil/usn/.

Occupation (Civilian Employer)
Career/Technical Education Teachers, Postsecondary
Computer Hardware Engineers
Computer Systems Analysts
Computer, Automated Teller, and Office Machine Repairers
Data Entry Keyers
Electrical and Electronic Engineering Technologists and Technicians
Electrical and Electronics Repairers, Commercial and Industrial Equipment
Electro-Mechanical and Mechatronics Technologists and Technicians
Equal Opportunity Representatives and Officers
Explosives Workers, Ordnance Handling Experts, and Blasters
First-Line Supervisors of Mechanics, Installers, and Repairers
Helpers--Installation, Maintenance, and Repair Workers
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters
Industrial Machinery Mechanics
Labor Relations Specialists
Photonics Engineers
Photonics Technicians
Plumbers, Pipefitters, and Steamfitters
Radio, Cellular, and Tower Equipment Installers and Repairers
Software Developers
Telecommunications Equipment Installers and Repairers, Except Line Installers
Training and Development Managers

Occupation (Federal Employer)
0804 - Fire Protection Engineering Series
0855 - Electronics Engineering Series
0856 - Electronics Technical Series
1550 - Computer Science Series
2608 - Electronic Digital Computer Mechanic
2610 - Electronic Integrated Systems Mechanic
9944 - Electronics Technician

STAY NAVY

AC to AC and FTS to FTS - Continue Navy career on Active Duty.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA): Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

RC to AC/FTS

MILPERSMAN 1306-1505 states: E7 and above personnel who seek opportunities for component change outside of the established C-WAY-TRANS module application process must contact BUPERS-32 (Enlisted Community Managers) directly.

RC to RC - Continue your Navy career as a Reservist.

Submit reenlistment request utilizing NAVRES 1160/1 Drilling Reservist Reenlistment Worksheet.

REENLIST / EXTEND: Request Chit/Form:

MyNavy Assignments (MNA):

Medical/Dental Screening:

Command Recommendation (evaluation): Bonus: Ceremony:

AC/FTS to CIP

The Career Intermission Program allows Officers and Enlisted Sailors to transfer out of the active component (AC/FTS) and into the Individual Ready Reserve for a period of one to three years to pursue personal or professional obligations outside the Navy, while providing a means for their seamless return to active duty.
For additional information, go to: https://www.public.navy.mil/bupers-npc/career/reservepersonnelmgmt/IRR/Pages/CIP.aspx.

AC/FTS to Secretary of the Navy Tours with Industry

This program provides a venue for exceptional Sailors to experience innovative business practices. Navy fellows are fully immersed in company practices and will be actively engaged in projects and company operations. Past fellows were assigned to companies including VMware, Qualcomm, Apple, Incorporation, Boeing, Tesla, Oak Ridge National Laboratory, GE Digital, Amazon, FedEx, Northrup Grumman, Space X, LinkedIn and USAA.
For additional information go to: https://www.public.navy.mil/bupers-npc/career/talentmanagement/Pages/SNTWI.aspx.

AC/FTS TRANSFER:

15 Months	12 Months	9 Months	6 Months	Orders Received
MNA	MNA	MNA	Accept Orders	Screening
Exception Family Member	Exception Family Member	Eval	Reverse Sponsor	Obligate
Mil to Mil			Relocation (FFSC)	Bonus
Family Care Plan			Medical/Dental	
Continuous Overseas Tours (COT)				
Overseas Tour Extension Incentive Program (OTEIP)				

SELRES TRANSFER:

12 Months	9 Months	6 Months	3 Months	Orders Received
MNA *(verify account access)*	MNA *(extend in current field)*	MNA *(apply for billets)*	MNA *(apply for billets)*	Sign Eval
Family Care Plan		Start Eval		
Mil to Mil		Reverse Sponsor		
		Incentives/EOS opportunities		

For additional assistance in transfer and relocation, go to the Military OneSource website: https://www.militaryonesource.mil/ and visit your Fleet and Family Support Center on base.

SEPARATING/RETIRE*:

18 -12 months	6 months	90 days	30 days
TAP*	MED/DEN	Copy of Records	Copy of Records
Complete DD 2648	Relocation	Official Record CD	PSD
Transition Planning	Relocation Services (FFSC)	Arrange Ceremony	MED/DEN
Annual Statement of Service History (ASOSH) *Reserve Only*	Reserve Affiliation	Request Leave / PTDY	DD 214*
	VA/DVA		

**Upon demobilization, SELRES will need Transition Assistance Program (TAP) and DD-214; DD-214 is not required for Reserve Retirements.*

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 (AC BCA)

Last 2 PRT Cycles: Forearm Plank / 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: https://www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/physical/Pages/default2.aspx

PROFESSIONAL MILITARY EDUCATION (MCPO)

(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 call the Navy College Virtual Education Center (NCVEC) 877-838-1659 or Visit your overseas Navy College Office.)

Education Plan Completed (Navy College Office/NCVEC)

Current Education Level

Degree Goal _____

** Various degree options are available in the Advanced Education section. **

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

Joint Service Transcripts (JST)

HS Transcripts College Transcripts

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

For entry into JST, have your College/University send official transcripts to:
Naval Education and Training Command N644
JST Operation Center
6490 Saufley Field Road
Pensacola, FL 32509
Email: JST@DODED.mil

VOLUNTARY EDUCATION: Links to study guides, exam preparations, and practice tests are located on the DANTES website https://www.dantes.doded.mil/

NCPACE CLEP DSST TA

MGIB MGIB-SR Post 9/11 GIB AEV

MCPO REQUIRED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Joint Professional Military Education (JPME)	War College	Military DON / PME	40 hrs	
Senior Enlisted Academy [4]	Newport RI	P-920-1300	3 weeks (DL) / 3 weeks (F2F)	
Ethics Training	Command Delivered			
Required General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Sexual Assault Prevention and Response Awareness (SAPR)[3]	Command Delivered	CPPD-GMT-SAPRA-1.0		
Cyber Awareness Challenge	MNP	DOD-IAA-V16.0		
Counterintelligence Awareness and Reporting	Command Delivered/ MNP	DOD-CIAR-1.0		
Records Management	Command Delivered/MNP	DOR-RM-010-1.2		
Privacy Act	Command Delivered			
Suicide Prevention[3]	Command Delivered	CPPD-GMT-SAP-1.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		

1 - Verify GMT topics on the My Navy Portal (MNP) GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - The recommended method of delivery for SAPR and Suicide Prevention annual training is via face-to-face, small group facilitated discussions.
4 - Course remains a requirement to become a Command Master Chief/Chief of the Boat.

MCPO REQUIRED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

MCPO RECOMMENDED NAVY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
ADAMS for Leaders	Various	S-501-0130	8 hrs	
Primary Enlisted Professional Military Education (PEPME)	Navy e-Learning	Military DON/ PME	60 hrs	
Block 1 Primary EPME - Introduction	Navy e-Learning	NWC-PPME-SENL-B1		
Block 2 Primary EPME - The Culture of the Navy	Navy e-Learning	NWC-PPME-SENL-B2		
Block 3 Primary EPME - Governance of the Navy	Navy e-Learning	NWC-PPME-SENL-B3		
Block 4 Primary EPME - How the Navy Thinks About War	Navy e-Learning	NWC-PPME-SENL-B4		
Block 5 Primary EPME - How the Navy Plans its Operations	Navy e-Learning	NWC-PPME-SENL-B5		
Block 6 Primary EPME - Technology in the Maritime Domain	Navy e-Learning	NWC-PPME-SENL-B6		
Block 7 Primary EPME - PME Conclusion	Navy e-Learning	NWC-PPME-SENL-B7		
Joint Professional Military Education (JPME)	Navy e-Learning	JKDDC-SNCO-2	60 hrs	
Senior Enlisted Leadership Development Guide	Navy e-Learning			
CMDCM/COB Leadership Course (Must have fleet recommendation)	MNP/Classroom (Newport, RI)	CPPD/NETC CMDCM-9580 COB-9579		
Demonstrating Ethical Leadership	Navy e-Learning	NCSC-ILC-01-0004		
Culture	Navy e-Learning	Foreign Language and Culture	45 hrs	
Selection Board Members and Recorders [4]	TWMS		1 hour	
Recommended General Military Training Topics For FY 2021 (Delivery determined by command discretion) [1]				
Alcohol, Drug, and Tobacco Awareness	Command Delivered	CPPD-GMT-ADTA-1.0		
Combating Trafficking of Persons General Awareness	Command Delivered/ MNP	DOD-CTIP-3.0		
Domestic Violence Prevention and Reporting	Command Delivered	CPPD-GMT-DV-1.1		
Electromagnetic Maneuver Warfare	Command Delivered/ MNP	NAVIFOR-FEWC-EMW-01.01		
Energy Policy	Command Delivered	OPNAV-GMTE-1.0		
Equal Opportunity, Harassment, and Resolution Options	Command Delivered	CPPD-GMT-EOSH-1.0		
Hazing Policy and Prevention	Command Delivered	CPPD-GMT-HPP-1.0		
Operational Risk Management (ORM)	Command Delivered	CPPD-GMT-ORMTC-1.0		
Operations Security	Command Delivered/ MNP	NOST-USOPSEC-3.0		
Personal Financial Management	Command Delivered	CPPD-GMT-PFM-1.0		
Sexual Health and Responsibility	Command Delivered	CPPD-GMT-SHR-1.0		
Stress Management	Command Delivered	CPPD-GMT-SM-1.0		
Traumatic Brain Injury	Command Delivered			
Privacy Act	Command Delivered	DON-PRIV-2.0		
Antiterrorism Level I [2]	Command Delivered/ MNP	CENSECFOR-AT-010-1.0		
Tactical Combat Casualty Care All Service Member/Tier 1	Command Delivered	B-300-2010		
Financial Management [3]	Command Delivered			

1 - Verify GMT topics on MyNavy Portal GMT webpage
2 - Personnel with less than 3 years of time-in-service must also complete Antiterrorism Level 1 training. For personnel with greater than 3 years of time-in-service, Antiterrorism Level 1 periodicity is now a triennial requirement and will be mandated for all hands in FY-22.
3 - Does not have a mandatory periodicity but is required at career touch points per CNO WASHINGTON DC/191539ZJUL16.
4 - Required for selection board members and recorders

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 CNFR 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 CNFR N7.

MCPO RECOMMENDED RESERVE PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
Navy Reserve Unit Management (E7-E9)	NRPDC New Orleans	R-7A-0031	5 days	
Reserve Senior Enlisted Management (E7-E9)	NRPDC New Orleans	R-551-0001	12 days	
Navy Reserve Fundamentals Course (E1-E9)	Navy e-Learning	NAVRESFOR-NRF-3.0		
Navy Reserve Order Writing System/Reserve Defense Travel System (E1-E9)	NRPDC New Orleans	R-510-5514	5 days	
Reserve Medical Administration (E1-E7)	NRPDC New Orleans	R-500-0007	5 days	
Reserve Pay and Personnel Management (E1-E9)	NRPDC New Orleans	R-500-0020	5 days	
Reserve Supply and Fiscal Support NEC S05A (E5-E7)	NRPDC New Orleans	R-551-0010	12 days	
Reserve Career Information (E5-E8)	NRPDC New Orleans	R-501-0005	12 days	
Naval Reserve Center Commanding Officer (E7-E9)	Navy e-Learning	CNRFC-COOIC-1.0 /DoN	8 hrs	
Guidance for Mobilization	Navy e-Learning	CNRFC-GMB-1.1 /DoN	4 hrs	
Military Sealift Command 101	Navy e-Learning	CNRFC-MSC101 /DoN 1.1	24 hrs	

For more details or to check for updates please check CANTRAC or the NRPDC Sharepoint page (CAC required): https://private.navyreserve.navy.mil/NRPDC/Pages/NRH_Default.aspx

MCPO RECOMMENDED COMMUNITY PME:

Course Title	Course Location	CIN/CSE ID	Course Length	Date Completed
None				

NAVY PROFESSIONAL READING PROGRAM (PRP)

The purpose of the Chief of Naval Operations Professional Reading Program (CNO PRP), maintained by CNO PRP program managers at the U.S. Naval War College, is to facilitate the professional and personal development of all Sailors. For additional information on the CNO PRP visit https://www.navy.mil/CNO-Reading-Program/

ESSENTIAL READING

Naval Power (First 5 offerings)	Completed
Visit https://www.navy.mil/CNO-Reading-Program/Naval-Power for complete list.	
Sea Power *by Admiral James Stavridis*	
Toward a New Maritime Strategy *by Peter D. Haynes*	
The Rules Of The Game *by Andrew Gordon*	
Sea Power *by Geoffrey Till*	
Red Star Over The Pacific *by Toshi Yoshihara and James R. Holmes*	
High Velocity Outcomes (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/HVO for complete list.	
Democracy *by Condoleezza Rice*	
A World in Disarray *by Richard Haass*	
Our Robots, Ourselves *by David A. Mindell*	
On Writing Well *by William Zinsser*	
The Innovator's Dilemma *by Clayton M. Christensen*	
Navy Team (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Navy-Team for complete list.	
The Accidental Admiral *by James Stavridis*	
Team of Teams *by Stanley Mc Chrystal*	
Navigating the Seven Seas *by Melvin G. Williams, Sr. and Melvin G. Williams, Jr.*	
Leadership on the Line *by Ronald A Heifetz and Marty Linsky*	
A Vietnam Experience *by James Stockdale*	
Partnerships (First 5 offerings)	**Completed**
Visit https://www.navy.mil/CNO-Reading-Program/Partner-Network for complete list.	
Partnerships for the Americas *by James Stavridis*	
The Accidental Superpower *by Peter Zeihan*	
Asia's Cauldron *by Robert D. Kaplan*	
World Order *by Henry Kissinger*	
At Ease *by Dwight Eisenhower*	

Reading, discussing, and understanding the ideas found in the CNO PRP will not only improve our critical thinking skills, but will also help us become better Sailors, citizens, and most importantly, leaders. This list is not intended to limit professional reading or learning in any way, but merely to provide easy access to a few of the many titles that will benefit our service.

The Chief of Naval Operations' tenets and Lines of Effort: Strengthening Naval Power at and from the Sea; Achieving High Velocity Learning at Every Level; Strengthening Our Navy Team for the Future; and Expanding and Strengthening our Network of Partners. These LOEs have themes common to all Sailors - Integrity, Accountability, Initiative, and Toughness.

The books are organized by the Lines of Effort, but there are several other categories as well. A Design for Maintaining Maritime Superiority is included in addition to a section of books - Fundamentals for the Naval Professional - that contains canonical books about warfighting, diplomacy, and strategy. Many books on both lists are available as e-books through the Navy General Library Program.

The entire list of over 140 book summaries and additional information is available at https://www.navy.mil/CNO-Reading-Program/A-Z-List

MCPO RECOMMENDED COMMUNITY READING

Title	Completed
AEGIS Air Defense Core Tactics *NTTP 3-01.5*	
AEGIS Capabilities and Limitations (Ship Specific)	
AEGIS CG Class Tactical Publication *NTRP 3-20.6.02*	
Ammunition and Explosive Safety Afloat *NAVSEA OP4*	
Ammunition and Explosives Safety Ashore *NAVSEA OP5*	
Combat Systems Alignment Manual *NAVSEA SW225-CH-CSA-010*	
Combat Systems Alignment Theory *NAVSEA SW225-A0-MMA-010*	
Combat Systems Operational Sequencing System (CSOSS) Manuals (Ship Specific)	
DDG 51 (Flight I) Class Tactical Publication *NTRP 3-20.6.08, Volume I*	
DDG 51 (Flight II) Class Tactical Publication *NTRP 3-20.6.08, Volume 2*	
DDG 51 (Flight IIA) Class Tactical Publication *NTRP 3-20.6.08, Volume 3*	
FC Volumes *NAVEDTRA Series*	
Joint Fleet Maintenance Manual (JFMM) Vol. V *COMFLTFORCOMINST 4790.3*	
Maritime Air and Missile Defense Employment *NTTP 3-01.12*	
Naval Ships' Technical Manual Chapter 300 - Electric Plant-General *S9086-KC-STM-010*	
Naval Ships' Technical Manual Chapter 400 - Electronics *S9086-ND-STM-010*	
Ships' Maintenance and Material Management (3M) Manual *NAVSEAINST 4790.8 Series*	
Smooth Log (Ship Specific)	
TACMEMOs (Platform/System Specific)	

ALL PAYGRADES
VOLUNTARY EDUCATION

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

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

Complete the online courses at the Navy College Website: http://www.navycollege.navy.mil/

How do I get started?

You already have. All your training up to this point is part of your Fire Controlman Aegis 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 step is to contact the Navy College Virtual Education Center or visit your Overseas Navy College Office. Then your counselors 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, or sign up for new courses?

RECOMMENDED OCCUPATIONAL-RELATED ASSOCIATE'S DEGREE FOR FCA

Recommended Associates' degrees for the Seaman
Electronics
Computer Science
Computer Networking
Information Technology

RECOMMENDED OCCUPATIONAL-RELATED BACCALAUREATE/MASTERS DEGREE FOR FCA

Recommended Bachelors/Masters degrees for the Seaman
Electronics
Computer Science
Computer Networking
Information Technology
Telecommunications
Engineering or Engineering Technology
Mathematics
Business Administration

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

Tuition Assistance (TA):

NAVADMIN 114/19 limit changes as of 1 October 2019: 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. TA will pay for the following amount per career: 120 semester hours, or 180-quarter hours or 1800 clock hours or a combination of semester, quarter and clock hours. TA will pay the following amounts per fiscal year: 12 semester hours, not to exceed $250/credit for semester hours or 18-quarter hours not-to-exceed $166.67/credit for quarter hours or, 180 clock hours not-to-exceed $16.67/clock hours or a combination of semester, quarter and clock hours.

- More information is available online at: https://www.navycollege.navy.mil

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.acenet.edu/news-room/Pages/Military-Guide-Online.aspx.

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. For specific testing locations visit the DANTES website.

- Navy College Program: https://www.navycollege.navy.mil/information-for-sailors/pre-college-testing-and-college-credit.htm
- DANTES: http://www.dantes.doded.mil/examinations/earn-college-credit/earn-college-credit.html

College Entrance Exams Testing ACT, SAT

The ACT and SAT are both standardized tests that help colleges evaluate candidates. Many colleges require that students submit test results as part of the admission application process. Since Sailors are considered transfer students, these tests are not generally required for admission. However, some Sailors must take the tests to enter specific military programs.

- Navy College Program (ACT SAT): http://www.navycollege.navy.mil/information-for-sailors/college-entrance-exams.htm
- DANTES (ACT SAT): http://www.dantes.doded.mil/examinations/college-admissions/act.html

SAMPLE DEGREE PLAN

Associate in Science

Florida Community College at Jacksonville (http://www.fccj.org/prospective/programs/data07_08/2175.html)

Associate in Science in Telecommunications Engineering Technology (Converged Networks)

General Education		**Credits**
	Mathematics	3
	Social and Behavioral Sciences	3
ENC 1101	English Composition I	3
	Communications	3
	Humanities	3
Required Professional Courses		
CET 2687	Security+	3
CET 2626	Building Scalable Networks	3
CET 2627	Building Multilayer Switched Networks	3
CET 2628	Building Remote Access Networks	3
CET 2636	Home Integration	3
CET 2660	Managing Network Security	3
CET 2665	Advanced Firewall Administration	3
CET 2481	Designing and Building Wireless Networks	3
CET 2682	Voice over IP (VoIP)	3
CET 2623	Deploying Quality of Service	3
CET 2675	IP Telephony	3
CET 2676	Unified Messaging	3
CET 1943	Internship	3
Professional Electives		
LIS 1002	Information Literacy (Online)	1
CET 2662	Techniques of Computer Hacking and Incident Handling	3
CET 2880	Data Forensics I — Basic	3
CET 1630	Fiber, Voice and Data Cabling	3
Total Credit Hours		**64**

SAMPLE DEGREE PLAN

Bachelor of Science

Fort Hays State University (http://www.fhsu.edu/int/telecomm/vccourserequirements.shtml)

Bachelor of Science in Information Networking and Telecommunications - Computer Networking and Telecommunications Concentration

Information Networking and Telecommunications Major Core	**Credits**
INT 300 Field of Information Networking: Foundations for Understanding	3
INT 250 Introduction to Web Development	3
POLS/INT 602 Public Policy, Ethics and Law in Information Networking	3
INT 430 Leadership in Information Networking	3
INT 405 Research Methods in Information Networking	3
INT 490 Capstone Seminar in Information Networking	3
Concentration Requirements Computer Networking and Telecommunications	
PHYS 230 Telecommunications Electronics	3
INT 291 Internetworking Certification I	3
INT 680 Network Architecture and Data Communications I	3
INT 681 Network Architecture and Data Communications II	3
INT 293 Internetworking II	3
Cross Concentration Elective Media Studies	
INT 140 Introduction to Electronic Media	3
Cross Concentration Elective Web Development	
INT 651 Advanced Web Development	3
Required General Education Class: COMM 318 Communication in Human Organization	**3**
Telecommunications & Networking Emphasis Options	
INT 293 Internetworking II (CCNA Prep)	3
INT 685 Fundamentals of Network Security (MCNS, CSPFA)	3
INT 695 Advanced Routing (CCNP Prep 1)	3
INT 696 Advanced Remote Access (CCNP Prep 2)	3
INT 697 Advanced LAN Switching (CCNP Prep 3)	3
INT 698 Internetwork Troubleshooting (CCNP Prep 4)	3
Totals:	
General Education Requirements	55
Department/Major Requirements	54
Free Electives	15
Total	**124**

SAMPLE DEGREE PLAN

Master of Science

Boston University (http://www.bu.edu/online/online_programs/graduate_degree/master_management/project_management/courses.html)

Master of Science in Project Management

Core Courses	**Credits**
AC 630 Financial and Managerial Accounting	4
FI 741 Financial Management	4
MG 610 Intro to Organizational Risk and Crisis Mang in Both Public and Private Enterprise	4
MG 650 International Business, Economics, and Cultures	4
MG 742 Data Analysis and Operations Management	4
MG 743 Managing Employees, Professionals, and Teams	4
MK 743 Marketing Management	4
TM 648 Introduction to Electronic Commerce, Systems, and Web Design	4
Specialization Courses	
AD 642 Program and Project Management	4
AD 643 Project Leadership and Communications	4
AD 644 Project Risk and Cost Management	4
AD 645 International and Advanced Project Management	4
Total	**48**

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 15878L
- 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
- 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
- Career WayPoints - Reenlistment MILPERSMAN 1160-140
- 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
- Reserve Enlisted Incentives RESPERSMAN 1100-020 and current ALNAVRESFOR Message
- Reenlistments and Extensions for Sailors in a Drilling Status RESPERSMAN 1160-010
- Satisfactory Participation in the Navy Reserve RESPERSMAN 1001-010

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 Program (TAP) OPNAVINST 1900.2(series) (Initiate a DD-2648E-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
- Prior Service Reenlistment Eligibility – Reserve (PRISE-R) MILPERSMAN 1133-061

Education Advancement & Service Schools:

- 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)

Diversity, Equity and Inclusion, and Anti-Extremism:

- Diversity, Equity and Inclusion: https://diversity.defense.gov
- DOD Diversity and inclusion Management Program DODI 1020.05(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
- Standardized Policy and Procedures for the Active Duty for Operational Support (ADOS) Programs OPNAVINST 1001.20 (series)
- Operational Risk Management OPNAVINST 3500.39C
- Personnel Qualification Standards (PQS) Catalog NAVEDTRA 43100-6M
- Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards NAVPERS 18068F Volume 1 & 2