



## FN (PACT) – Engineering/Fireman Professional Apprenticeship Career Track

This enlistment program option enables men and women to eventually qualify for one of several Navy ratings (skill specialties) through on-the-job Fireman Professional Career Track (PACT) training.

The program also offers apprenticeship training in a rating that may not be available at the time of enlistment.

After completion of recruit training, enlistees in the PACT program will attend a three-week Engineering Common Core course on basic theory in shipboard engineering operations and evolutions. After successful completion of this training, Fireman are usually assigned to shipboard duties where the Navy needs them the most.

Fireman can request, and may receive on-the-job training in a rating that they are interested in, qualified for, and is available at their first command, by completing correspondence courses and personal qualification standards. They must also be recommended by their commanding officer for the Navy rating they desire.

Fireman may also attend Navy schools to learn about general damage control, shipboard fire fighting, preventive maintenance of special equipment, and the use of special tools used in the rating they are working in or seeking.

### What They Do

- standing underway engineering watches and operating analog, digital and plasmatic display units.
- using hand and power tools while working with complex machinery
- repairing, maintaining, and preserving engineering and associated equipment in
- preparation for underway operations
- keeping accurate electronic and written records
- observing safety standards associated with engineering machinery
- standing power plant and ship security watches while in port and underway
- operating electrical and sound-powered communication systems
- serving as a member of damage control, emergency, and rescue and assistance teams taking part in underway replenishment (transferring fuel and supplies from ship to ship at sea)
- working with qualified personnel to gain on the job training and experience, which will qualify for working with qualified personnel to gain job training and experience.

### Advancement

Enlistees enter the Navy as E-1s (Fireman Recruits). Advancement to E-2 (Fireman Apprentice) may be achieved after nine months of successful naval service, with advancement to E-3 (Fireman) after an additional nine months.

### Qualifications and Interests

Fireman must be able to get along well with others and to speak clearly. Other qualities include resourcefulness, a good memory, curiosity, physical strength, and manual dexterity, the ability to work as a team member and to perform repetitive tasks.

**Normal hearing and color perception is required for this rating.**

### Career Path After Recruit Training

Fireman are taught fundamental skills needed in a shipboard environment. Most training takes place at the first duty station in the form of on-the-job training in the rating for which they are "striking." By "striking" for a specific Navy rating a qualified person may be assigned to a Navy class "A" technical school for further training in that rating.

Navy Ratings In The Fireman Professional Apprenticeship Career Track Program

### **Propulsion**

EN – Engineman  
GSM – Gas Turbine Systems Technician (Mechanical)  
GSE – Gas Turbine Systems Technician (Electrical)\*  
MM – Machinist Mate  
EM – Electrician's Mate  
IC – Interior Communications Electrician\*

### **Precision Welding/Fabrication/Plumbing**

DC – Damage Controlman  
HT – Hull Maintenance Technician

**\* Class "A" technical school required.**

ABH - Aviation Boatswain's Mate (Handling)  
AC - Air Traffic Controller\*  
AG - Aerographer's Mate\*  
AO - Aviation Ordnanceman  
AZ - Aviation Maintenance Administrationman



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### Earn College Credit



The American Council on Education recommends that semester hour credits be awarded in the vocational certificate and lower-division bachelor's/associate's degree categories for courses taken in this rating on office machines and general clerical procedures. To see the college credits available via a **Joint Service Transcript** for this rating:

#### E-PACT

[https://www.cool.navy.mil/usn/jst/epact\\_jst.pdf](https://www.cool.navy.mil/usn/jst/epact_jst.pdf)

### Earn Department of Labor (DOL) Nationally Recognized Apprenticeships



#### USMAP

The United Services Military Apprenticeship Program (USMAP) is a formal military training program that provides active duty and Full Time Support (FTS) Service members the opportunity to improve their job skills and to complete their civilian apprenticeship requirements while they are on active duty. The U.S. Department of Labor (DOL) provides the nationally recognized "Certificate of Completion" upon program completion. Visit United Services Military Apprenticeship Program (USMAP) for LS apprenticeships.

#### E-PACT

<https://usmap.netc.navy.mil/usmapss/static/navyRates.htm>

### Earn Industry Recognized Credentials



Navy Credentialing Opportunities On-Line (Navy COOL) Navy COOL catalogs and defines comprehensive information on occupational credentials - including certifications, licenses, and apprenticeships - correlating with every Navy rating and some collateral duties. It provides "how to" instructions for pursuing these credentials, links to credentialing organizations, and cross-references to programs that help Sailors pay for credentialing fees. Shortly following the initial rating technical training (Class "A" technical school), Sailors may be able to take advantage of earning civilian/industry certifications & licenses (credentials), funded through Navy COOL. Visit the Navy COOL website to view these opportunities. See the link below.

#### E-PACT

<https://www.cool.navy.mil/usn/enlisted/pact.htm>

### Manage a Navy Career with Navy LaDR (Learning and Development Roadmap)



To see the Navy LaDR (Learning and Development Roadmap) for this rating:

#### E-PACT

[https://www.cool.navy.mil/usn/LaDR/e\\_pact\\_e1\\_e9.pdf](https://www.cool.navy.mil/usn/LaDR/e_pact_e1_e9.pdf)

### Earn Skill Sets Towards Civilian Related Occupations



The skill sets for this rating crosswalk to civilian related occupations listed by the U.S. Department of Labor. To see Related Civilian, Federal, and Military Sealift Command Occupations for this rating, see the link below.

#### E-PACT

<https://www.cool.navy.mil/usn/enlisted/pact.htm>

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