

Electronic Technician Navigation (ETV)



NAVY

Electronic Technician Navigation (ETV) Submarines serve on board multiple classes of submarines and specialize in navigation systems. They are responsible for electronic equipment used for preparing for and conducting basic submarine navigation and piloting evolutions.

What They Do

The duties performed by ETV's include:

- maintain, repair, calibrate, tune, and adjust all electronic equipment used for navigation;
- operate and conduct basic preventive maintenance on interior communications announcing circuits,
- operate atmosphere monitoring equipment and ship control subsystems.
- use and maintain hand tools and portable power tools;
- operate and monitor Inertial Navigation systems, and Global Positioning Systems under the supervision of senior personnel.

Credit Recommendations

The American Council on Education (ACE) guide recommends that semester hour credits be awarded in the vocational certificate or lower-division bachelor's/associate's degree categories for courses taken in this rating on computer science, marine systems management, computer and information science, and applied electronics, applied mathematics, circuit theory, systems maintenance, and communications.

Qualifications and Interests

Electronics Technicians (ETV) must be U.S. citizens eligible to meet security clearance requirements. Important qualifications include knowledge of arithmetic, capability to understand modern computing devices, the ability to speak and write well, function as a member of a team, do detailed work and keep accurate records. Additionally they must possess some physical strength and good manual dexterity.

Obligation. Active duty obligation is five years. Applicants will enlist for four years and concurrently execute an agreement to extend their enlistment for one year.

Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through on-the-job training or formal Navy schooling. Advanced technical and operational training is available in this rating during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Basic Enlisted Submarine School	Groton, CT	4weeks	Indoctrination in basic submarine systems.	Group instruction and practical application
Class "A" Technical School and Specialty Pipeline School	Groton, CT	14-28 weeks	Basic electricity, electronics and computer technical knowledge and skills and preparation for navigation specialties and assignment on a fast attack or ballistic missile submarine.	Group instruction, practical application and equipment labs.

After "A" school and Basic Enlisted Submarine School, Electronics Technicians (ETV)'s are assigned to serve on all types of submarines and at shore facilities in the United States and overseas. During a 20 year period in the Navy, ETV's spend about 60 percent of their time assigned to fleet units and 40 percent to shore stations.

Note: All applicants must read and understand the Submarine Volunteer Statement of Understanding.

Advancement. Enlistees enlist as E-1s (seaman recruits). Completion of all advancement-in-rate requirements (including minimum time-in-rate) must be completed prior to advancement to E-2, E-3 and E-4. Top graduates of initial "pipeline" training may elect accelerated advancement to E-4 if they execute an agreement to extend their enlistment one additional year (six years total obligation). Advancement in this field to E-4 (Petty Officer Third Class) is excellent.

Working Environment

ETVs duties are usually performed aboard submarines and usually work indoors in a clean, controlled environment with comfortable temperatures. However, some work is required in a clean or dirty environment of a shop-like nature. Their work may be independent in nature, but they usually work closely with others under direct supervision.

Opportunities

Placement opportunities are good for qualified applicants. About 1,100 Sailors work in the ETV rating.

Civilian Occupational Equivalents

To see Related Civilian Occupations for this rating:

ETV - <https://www.cool.navy.mil/enlisted/etv.htm>

For more information on opportunities available for this rating, please visit Navy Credentialing Opportunities On-Line (COOL) at <https://www.cool.navy.mil/index.htm>

Since Navy programs and courses are revised at times, the information contained on this rating card is subject to change.

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