

Electronics Technician (ET)



NAVY

Electronic Technician's maintain and repair electronics equipment such as radar, communication and navigation equipment. ETs comprise the basis of the ship's Combat Systems department aboard ships and are responsible for maintaining the ship's readiness for combat operations.

What they do

- responsible for electronic equipment used to send and receive messages;
- detect enemy planes and ships, and determine target distance;
- maintain, repair, calibrate, tune, and adjust all electronic equipment used for communications, detection and tracking, recognition and identification, navigation, and electronic countermeasures
- maintain, repair, calibrate, tune, and adjust all electronic equipment
- use and maintain hand tools and portable power tools.

Credit Recommendations

In the lower-division baccalaureate / associate degree category: three semester hours in basic electronics laboratory, three in AC circuits, seven in solid state electronics, three in electronic systems trouble-shooting and maintenance and two in electronic communication.

Qualifications and Interests

Electronics Technicians must be U.S. citizens eligible to meet security clearance requirements. Important qualifications include knowledge of arithmetic, the 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, good manual dexterity and normal color perception.

Opportunities

Because of the advanced technologies in the Navy, acceptance into the Advanced Electronics / Computer Field is limited to highly motivated and qualified applicants. 14,000 men and women work in the ET and FC ratings. Qualified personnel who choose the Advanced Electronics / Computer Field

Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through formal Navy schooling. Advanced technical and operational training in these ratings are available during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Apprentice Technical Training	Great Lakes, Ill.	9 Weeks	Basic electronics and electronic circuitry, safety, digital theory, microcomputers, fiber optics, test equipment and trouble-shooting techniques.	Self Paced Computer Based Training and laboratory application with written tests and practical laboratory performance tests.
ET "A" School	Great Lakes, Ill.	42 Weeks	Communications Suite (SATCOM, HF reliever / transmitter), 2D Surface radar transmitters / receivers, Radar Display.	Self Paced Computer Based Training and laboratory application with written tests and practical laboratory performance tests.

After "A" school, ETs continue on to advanced "C" school. School lengths and content vary, but many colleges and universities offer college credits for these Navy courses. During a 20-year period in the Navy, ETs spend about 60 percent of their time assigned to fleet units or remote shore stations throughout the world and 40 percent to shore stations in the United States.

must obligate six years to accommodate the highly technical training involved.

Advancement

Enlistees enter as E-1s (seaman recruits). Advancement to paygrade E-2 (seaman apprentice) will be made after successful completion of recruit training. Advancement to E-3 will be made after completion of all advancement-in-rate requirements (including minimum time and course work). Advancement to paygrade E-4 (petty officer third class) will be made after successful completion of initial school training and after all advancement-in-rate requirements (including minimum time and course work) are completed. Advancement to both E-3 and E-4 is contingent upon maintaining eligibility in the Advanced Electronics Computer Field.

Civilian Occupational Equivalents

To see Related Civilian Occupations for this rating:

ET – <https://www.cool.navy.mil/enlisted/et.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.

(Revised 10/12)