

CTT

The Jumpstart on an Elite Career

High tech, complex cutting edge systems and computers.



Cryptologic Technician (Technical)
CTT

Cryptologic Technicians (Technical)(CTT) and Electronics Warfare Technicians(EW) perform a variety of specialized duties associated with the collection and processing of airborne, shipborne, and land-based radar signals. They operate electronic intelligence receiving and direction finding systems, digital recording devices, analysis terminals, and associated computer equipment. Systems they operate produce high-power jamming signals used to deceive electronic sensors and defeat radar guided weapons systems. Additionally, intelligence derived from collection and processing update national databases which are crucial to tactical and strategic units throughout the world. Initial training is located in Pensacola, Florida.

What they do

The duties performed by CTTs and EWs include:

- Operating collection and analysis consoles on surface, subsurface, and airborne platforms, as well as at shore commands
- The first line of defense against inbound threats and anti-ship missiles for deployed units
- Working with highly classified and technical material in support of national security
- Providing electronic intelligence support to commands throughout the world
- Tracking surface and airborne targets of interest to determine defensive maneuvers and tactics in case of attack
- Operating electronic detection and deception systems
- Operating state-of-the-art electronic receivers, signal modifiers, digital recording devices and associated peripherals in collection of airborne, shipborne, and land-based radar signals
- Performing in-depth technical analysis of radar signals/ systems to produce technical reports and briefs for operational facilities in the United States, Hawaii, Japan, Spain, Great Britain, Australia, and various remote sites throughout the world
- Creating and maintaining technical databases used by local and national level agencies

Credit Recommendations

The American Council on Education recommends that semester hour credits in the associate/bachelor degree programs and vocational certificate categories for courses completed, and experiences acquired in the CTT and EW ratings.



Qualifications and Interests

Due to the nature of duties performed, applicants for CTT and EW must be of exceptionally good character. Applicants must be U.S. citizens and meet eligibility requirements for continuous access to classified information. Eligibility for a top-secret clearance is determined by the results of a Single Scope Background Investigation. Other important qualifications include, resourcefulness, curiosity, a good memory, an aptitude for mathematics, the ability to work in a dynamic environment and combine various sources of information into a coherent picture. Normal hearing, speech, sight and color perception is required.

Working Environment

CTT and EW functions are performed in clean, orderly, air-conditioned spaces, with little supervision. Personnel in the CTT and EW ratings normally work with other intelligence and cryptology specialists on tasks that require more mental than physical effort.

Opportunities

For those choosing to make a career of the Navy, the CTT and EW ratings offer a diverse and exciting career path including high-profile intelligence collection and reporting, instructing at shore commands, and managing operational facilities. A relatively small and elite community, approximately 3,000 men and women work within the CTT and EW ratings. CTTs and EWs also learn computer and intelligence processing skills that transfer directly to the civilian job market. They utilize computer databases extensively to analyze electronic intelligence. The security clearance required to enlist as a CTT or EW, assists in attaining civilian jobs that demand a high level of trust.

NAVY
accelerate your life.

CTT

The Jumpstart on an Elite Career

High tech, complex cutting edge systems and computers.



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 |
|----------------------------|---------------------|---------------------------|---|---|
| Class "A" Technical School | NTTC Pensacola, FL. | Approximately 14 Weeks | Radar system theory and fundamentals of operation; electronic intelligence analysis; operation of specialized analog and digital collection devices; operation of radar analysis equipment; radio-wave modulation principals; automated data processing and reporting systems and methods; computer operations; security procedures | Group and individual instruction with live application using computer simulated scenarios |

Following completion of basic technical training, graduates may expect worldwide assignments. CTTs and EWs have the opportunity to be assigned to ships, aircraft squadrons, subsurface platforms, and shore based commands around the world. There are limited opportunities for assignment to special patrol craft and special warfare commands. All assignments are available to women except subsurface platforms and special warfare.

All personnel now receive sea pay at sea (E-1 to E-9).

**Cryptologic Technician (Technical)
CTT**

Related Civilian Jobs-Dept. of Labor Dictionary of Occupational Titles

- Electronic Intelligence Operations Specialist
- Intelligence Specialists, Systems Analyst
- User Support Analyst Supervisor
- Quality Assurance Analyst
- Database Administrator
- Database Design Analyst
- Systems Programmer
- Computer Operations Manager
- Technical Publications Writer
- Radio-Intelligence Operator
- Cryptographic-Machine Operator
- Computer Operations Supervisor
- Computer Peripheral Equipment Operator
- Intelligence Clerk
- Airborne Sensor Specialist



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

NAVY

accelerate your life.