



Cryptologic Technicians (Technical) 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 include:

- operating sophisticated collection and analysis systems on surface, subsurface, and airborne platforms, as well as at shore locations worldwide;
- providing tactical support and Indications and Warnings (I&W) of emerging and potential threats against Naval units.
- working with highly classified and technical material in support of national security;
- 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 rating.

### Qualifications and Interests

Due to the nature of duties performed, applicants for CTT must be of exceptionally

### 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 (SG) | CID Pensacola, FL. | Approximately 8 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 principles; automated data processing and reporting systems and methods; computer operations; security procedures | Group and individual instruction with live application using computer simulated scenarios |
| Class "C" Technical School      | CID Pensacola, FL. | 7 – 10 Weeks              | Shipboard, submarine and airborne digital collection devices and operation of radar analysis equipment.   | Group and individual instruction  |

Following completion of basic technical training, graduates may expect assignments worldwide, with duty stations throughout the continental United States, Europe, Hawaii, and the Western Pacific. CTTs may be assigned to ships, aircraft squadrons, subsurface platforms, Naval Special Warfare (NSW) and various shore based commands throughout the world. All assignments are available to women except subsurface platforms and limited assignments with NSW.

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 functions are performed in clean, orderly, air-conditioned spaces, with little supervision. Personnel in the CTT rating 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 rating offers 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 rating. CTTs 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 assists in attaining civilian jobs that demand a high level of trust.

### Civilian, Federal, and Military Sealift Command Related Occupations

To see Related Civilian, Federal, and Military Sealift Command Occupations for this rating:

**CTT**  
<https://www.cool.navy.mil/usn/enlisted/ctt.htm>

### Navy LaDR (Learning and Development Roadmap)



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

**CTT**  
[https://www.cool.navy.mil/usn/LaDR/ctt\\_e1\\_e9.pdf](https://www.cool.navy.mil/usn/LaDR/ctt_e1_e9.pdf)

### College Credits for this Rating

To see the college credits available via a Joint Service Transcript for this rating

**CTT**  
[https://www.cool.navy.mil/usn/jst/ctt\\_jst.pdf](https://www.cool.navy.mil/usn/jst/ctt_jst.pdf)

### Additional Information

For more information on opportunities available for this rating, please visit Navy Credentialing Opportunities On-Line (COOL)

**CTT**  
<https://www.cool.navy.mil/usn/enlisted/ctt.htm>

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

(Revised 02/16)

