Cryptologic Technician (Networks) (CTN)

NAVY

Cryptologic Technician Networks perfom a variety of duties associated with computer network operations across global networks. A combination of technical and analitical computer network skills provides the situational awareness required to plan and execute information operations (IO) actions/ counter-actions. Initial training is located in Pensacola, Florida.

What they do

The duties performed by CTNs include:

• Providing technical expertise in network-centric operations.
• Detecting, protecting, reacting and responding to threats against Navy networks.
• Defend against external and internal threats through in-depth technical and non-technical methods.
• Computer Network Risk Mitigation
• Network Vulnerability Assessments and Incident Response/Reconstruction.
• Active computer network defense, access tool development and computer/network forensics.

Credit Recommendations

The American Council on Education recommends specific semester hour credits in the associate, bachelor degree programs, and vocational certificate categories for basic and advanced courses completed, and expierences aquired in the CTN rating.

Qualifications and Interests

Due to the nature of duties performed, applicants for CTN must be of exceptional character. Applicants must be U.S. citizens and meet eligibility requirements for continuous access to classified information. Eligibility for access to Top Secret/SCI material is determined by the results of a Single Scope Background Investigation.

Other important qualifications include good technical aptitude, resourcefulness, curiosity, writing and typing skills, manual dexterity, mathematical aptitude and ability to do detailed work and perform repetitive tasks. Equally important is the ability to work well with others in a team-oriented environment. Normal hearing is required.

Career Path After Recruit Training

CTN is an Advanced Technical Field (ATF) and requires an active duty obligation of six years. Applicants will enlist for four years and concurrently execute an agreement to extend their enlistment 24 months. All "A" school graduates will receive a follow-on "C" school for advance training. Upon completion of "C" school, the sailor will be rated as a CTN.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Class "A" Technical School	Pensacola, FL.	4 Weeks	Basic communication and computer/network theory; Communication techniques and platforms, basic network configuration; Communication troubleshooting theory and techniques; Cryptographic equipment operations; Communication security.	Group, computer assisted, and individual instruction with live application and technical lab scenarios
Class "C" Technical School	Pensacola, FL	7 Weeks	Personnel will detect, react, and recover from disruption, denial, degradation or destructive attack against computers and computer networks. Identify and extract digital intelligence from multiple layers of computer protocols containing various types of digital information conveyed over multiple transmission technologies.	Group, computer assisted, and individual instruction with live application and technical lab scenarios

After "C" school graduates may expect assignments worldwide, with duty stations throughout the continental United States, Hawaii. CTNs have opportunities to be assigned to afloat staffs, direct support and shore based commands. There are limited opportunities for assignment to special warfare

Working Environment

CTNs work in secure office environments, operating, managing computerized Information processing systems and communications circuit control equipment. Normally, they are part of a watch teams. CTNs may be assigned special warfare units. Assignments, including shipboard duty, are available to females.

Opportunities

About 600 men and women serve worldwide in the CTN rating. Advanced training in computer network operations, using state-of-the-art technology is readily available.   Within a short period, today's CTN quickly develops highly marketable computer network skills.

Related Civilian Jobs O-Net SOC Code

11-3021.00 Computer and Information Systems Managers
15-1071.00 Network and Computer Systems Administrators
15-1081.00 Network Systems and Data Communications Analysts

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

(Revised 01/08)