Cryptologic Technician Networks perform a variety of duties associated with computer network operations across global networks. A combination of technical and analytical 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 experiences acquired 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.

<table>
<thead>
<tr>
<th>School</th>
<th>Present Location</th>
<th>Approximate Training Time</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class &quot;A&quot;Technical School</td>
<td>Pensacola, FL</td>
<td>4 Weeks</td>
<td>Basic communication and computer/network theory; Communication techniques and platforms, basic network configuration; Communication troubleshooting theory and techniques; Cryptographic equipment operations; Communication security.</td>
</tr>
<tr>
<td>Class &quot;C&quot;Technical School</td>
<td>Pensacola, FL</td>
<td>7 Weeks</td>
<td>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.</td>
</tr>
</tbody>
</table>

**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)