

Military Branch: Navy

Military Occupation: CRYPTOLOGIC TECHNICIAN, TECHNICAL

Military Code: CTT

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6 different training Levels:

CTT3: Cryptologic Technician, Technical, Third Class (E-4)

CTTC: Chief Cryptologic Technician, Technical (E-7)

CTT2: Cryptologic Technician, Technical, Second Class (E-5)

CTTCS: Senior Chief Cryptologic Technician, Technical (E-8)

CTT1: Cryptologic Technician, Technical, First Class (E-6)

CTTCM: Master Chief Cryptologic Technician, Technical (E-9).

Below are brief synopses of the Occupation and Training received by servicemen and women in this profession. Expanded information on both Occupation and Coursework can be obtained by clicking on these links.

[Cryptologic Technician, Technician Occupation profile- link](#)

[Cryptologic Technician, Technical Coursework- link](#)

Occupation Details- Synopsis

The CRYPTOLOGIC TECHNICIAN, TECHNICAL operates and maintains electronic sensors and computer systems; collects, analyzes, exploits, and disseminates Electronic Intelligence (ELINT) in accordance with fleet and national tasking; provides safety of platform, Indications and Warning (I & W), and Anti-Ship Missile Defense (ASMD); and provides technical and tactical guidance to Warfare Commanders and national consumers in support of surface, subsurface, air, and special warfare operations.

Related Competencies

Introduction to information technology topics include electronic transmission (files and reports); file management (creating, organizing and saving); and functions of computer hardware.

Introduction to computer applications topics include basic computer skills, business-oriented problem solving, file management, inventory software, presentation development, and software installation.

Introduction to databases topics include ad hoc queries, client server, creating standard reports, database system administration, and network capabilities.



This workforce solution was 100% funded by an \$11.7m grant awarded by the U.S. Department of Labor's Employment and Training Administration, Grant #TC-23745-12-60-A-53. The solution was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability or ownership.

Radio frequency electronic systems troubleshooting and maintenance topics include circuit wave form analysis, impedance measurements, power supply fault analysis, signal tracing, transmission line modeling, and voltage/current/power measurements.

Radio frequency safety topics include Environmental Protection Agency regulations, and Occupational Safety and Health Administration (OSHA) regulations.

Business communications topics include electronic messages, multi-media presentations, oral communication techniques, persuasive writing, presentation skills, report writing, and small group interaction.

Enterprise communication systems topics include communication line control; network design; performance analysis; quality assurance; software (word processing, spreadsheets, and presentation); systems monitoring; and trend analysis.

Data communications systems topics include current and future trends in technology (analysis), data communication (technologies and applications), and telecommunications. Information security management topics include authentication, data and system security, digital signatures, encryption, system reliability, and threats to the computer system.

Management topics include conflict resolution, controlling, leading, organizing, planning, policy and procedures development, report writing, and safety administration.

Human resources management topics include conflict mediation and resolution, counseling, disciplinary actions, evaluation, legal issues, organizational behavior, staff development, staffing, training, and workforce diversity.

Risk management topics include demolition, hazardous materials, and safe procedure rendering.



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ACE credit recommendations

ACE's Military Guide presents credit recommendations for formal courses and occupations offered by all branches of the military.

All recommendations are based on ACE reviews conducted by college and university faculty members who are actively teaching in the areas they review.

Below are credit recommendations for the **CRYPTOLOGIC TECHNICIAN, TECHNICAL** training, at the 6 levels listed.

Military Course	Recommended Hours SH=Semester Hours QH=Quarter Hours	Credit Level Recommendation	Training included in each skill level					
			CTT3	CTT2	CTT1	CTTC	CTTCS	CTTCM
Introduction to Information Technology	3 SH/4.5QH	Lower level BA	X	X	X	X	X	X
Introduction to Computer Applications	3 SH/4.5QH	Lower level BA	X	X	X	X	X	X
Introduction to Databases	3 SH/4.5QH	Lower level BA	X	X	X	X	X	X
Radio Frequency Electronic Systems Troubleshooting and Maintenance	2 SH/3QH	Lower level BA	X	X	X	X	X	X
Radio Frequency Safety	3 SH/4.5QH	Lower level BA	X	X	X	X	X	X
Business Communications	3 SH/4.5QH	Lower level BA		X	X	X	X	X
Enterprise Communications Systems	3 SH/4.5QH	Lower level BA			X	X	X	X
Data Communications Systems	3 SH/4.5QH	Lower level BA			X	X	X	X
Information Security Management	3 SH/4.5QH	Upper level BA			X	X	X	X
Management	3 SH/4.5QH	Upper level BA			X	X	X	X
Human Resources Management	3 SH/4.5QH	Upper level BA					X	X
Risk Management	3 SH/4.5QH	Upper level BA					X	X
Total Semester hours	35		14	17	29	29	35	35



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Total Quarter hours	48		18	25.5	43.5	43.5	52.5	52.5
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- Common semester hour/quarter hour conversion rate is: Semester hrs X 1.5= Quarter hours

Onet Military crosswalk results

Onet is a civilian occupational crosswalk created and maintained by the Department of Labor. It includes a military crosswalk, but the Onet crosswalk does not include military occupation or training information. The military crosswalk provides civilian occupations that align with military training. The Onet tool can be used to provide only general occupational crosswalking for military to civilian career paths.

Onet results for **Military Occupation: CRYPTOLOGIC TECHNICIAN, TECHNICAL**

Military Code: <http://www.onetonline.org/link/summary/15-1122.00> Similar Matching Civilian

Occupation Profile via Onet- <http://www.onetonline.org/link/summary/15-1122.00>



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