Military Branch: Navy

Military Occupation: INFORMATION SYSTEMS TECHNICIAN

Go To: Occupation Details   Civilian Competencies   ACE Credit Recommendations

Military Code: IT

Training Levels: 6 different training levels

Career Pattern

IT3: Information Systems Technician, 3rd Class (E-4).

IT2: Information Systems Technician, 2nd Class (E-5).

IT1: Information Systems Technician, 1st Class (E-6).

ITC: Chief Information Systems Technician (E-7).

ITCS: Senior Chief Information Systems Technician (E-8).

ITCM: Master Chief Information Systems Technician (E-9).

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

Link to Information Systems Technician- Occupation

Link to Information Systems Technician- Courses

Occupation Details- Synopsis

Information Systems Technicians perform core and specialty functions of communications operations, message processing, and network administration and security; establish, monitor, and maintain Radio Frequency (RF) communications systems; perform spectrum management within an area of responsibility; handle, store, and retrieve incoming and outgoing messages; perform network system administration, maintenance, and training; manage, plan and coordinate unit-level information systems security and integration across platforms, fleets, and services; and ensure the proper security, distribution, handling, accounting, reporting, and control of Communications Security (COMSEC) materials, systems, and equipment.

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Civilian Competencies

Server administration topics include active directory administration, active directory configuration, backup administration, installation and configuration group policy, network operating system, network server, and remote access server (RAS).

Information technology essentials topics include A+ certification, audit log, hardware, operating systems, peripherals, and troubleshooting.

Networking fundamentals topics include cabling, Internet Protocol IPv4, local area network (LAN), network and certification, subnetting, topology, and troubleshooting.

Network administration topics include Linux, network configuration, network implementation, network installation, network management, network performance, reporting, routers, switches, and UNIX.

Business communication topics include communication techniques, group interaction, interpersonal communications, multimedia presentations, persuasive writing, report writing, and written communication.

Information assurance topics include audit log, group policy, intrusion detection systems (IDS), intrusion prevention systems (IPS), port scanning, testing, and troubleshooting.

Security operations topics include communication security, cryptography, electronic key management, force protection, information assurance, managing electronic spillage, operations security, personnel security, physical security, and security management.

Management topics include budget management, decision-making, delegation, facilities management, information systems management, knowledge management, maintenance management, and problem solving.

Human resource management topics include career counseling, career development, human relations, mentoring, operations management, organizational behavior, performance evaluation, and teamwork coordination.

Project management topics include logistics support and scheduling, milestone development, policy implementation, policy monitoring, post-project assessment, risk assessment, and task execution.

Strategic planning topics include communication protocol, critical thinking and analysis, emergency operating procedures, mission planning, resource management, strategic threat assessment, and strategy development and deployment.

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Additional Training Information

Below is the description of the Information Systems Technician Class A training course. This provides a more detailed description of the training received, but it is also just part of the overall training for these occupations.

INFORMATION SYSTEMS TECHNICIAN CLASS "A"

Length: 19 weeks (760 hours).

Learning Outcomes: Upon completion of the course, the student will be able to perform entry level information systems technician duties and tasks; operate and troubleshoot software and hardware, local area networks (LANs), and Microsoft Windows server; and investigate, troubleshoot, and research portable devices.

Instruction: Methods of instruction include audiovisual materials, classroom exercises, computer-based training, discussion, laboratory, lecture, and practical exercises. General course topics include A+ certification, information technology essentials, Network+ certification, networking, Microsoft Windows XP, Microsoft Windows 7, Legacy IT, and Cisco Certified Network Administrators (CCNA1).

Related Competencies to Civilian Occupations:

A+ certification topics include antivirus software, device manager, hardware, memory, power supplies, processors, and storage devices.
Information technology essentials topics include computer assembly, laptops, networking, operating systems, portable devices, preventive maintenance, printers, scanners, security threats, and troubleshooting.
CISCO network fundamentals topics include binary and hex, cabling, collision domains, ethernet standards, IP subnetting, open system interconnect models (OSI), topology, and transmission control protocol/Internet protocol (TCP/IP).
Server administration topics include configuring and managing devices and peripherals, configuring and managing NTFS security, configuring and managing shared folder security, configuring TCP/IP addressing and security, installing Microsoft Windows XP, managing disks and file systems, and supporting applications.

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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 **INFORMATION SYSTEMS TECHNICIAN**, at the 6 levels listed.

Military Course	Recommended Semester Hours	Credit Level Recommendation	Training included in each skill level					
			IT3	IT2	IT1	ITC	ITCS	ITCM
Information Technology Essentials	3 SH	L	X	X	X	X	X	X
Networking Fundamentals	3 SH	L		X	X	X	X	X
Network Administration	3 SH	L		X	X	X	X	X
Server Administration	3 SH	L	X	X	X	X	X	X
Business Communication	3 SH	L		X	X	X	X	X
Information Assurance	3 SH	L		X	X	X	X	X
Security Operations	3 SH	U		X	X	X	X	X
Management	3 SH	U				X	X	X
Human Resource Management	3 SH	U					X	X
Project Management	3 SH	U					X	X
Strategic Planning	3 SH	U						X
Total Semester hours			**6**	18	21	24	30	33
Total Quarter hours			**9**	27	31.5	36	45	49.5

- 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: INFORMATION SYSTEMS TECHNICIAN**

Military Code: IT- http://www.onetonline.org/crosswalk/MOC?b=&s=it&g=Go

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Similar Matching Civilian Occupation Profile via Onet- http://www.onetonline.org/link/summary/15-1142.00