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The crosswalk below has been developed below as a resource for community colleges and other educational institutions seeking to grant credit for prior learning to military veterans based on their military occupational specialty (MOS). For an accurate comparison between the Whatcom Community College courses that have been mapped and courses at your institution, scroll down to refer to the Course Outcomes chart at the end of the document.

[Link to the Course Outcomes chart](#)

Service Branch / Job Name	MOS	Computer Attributes of MOS	Whatcom Community College Courses	Generally Equivalent to ...
AIR FORCE				
Cyber Surety View PDF	AFSC-3D1X1	business analytics, business intelligence, computer network, data analysis, database, database administration, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Computer Systems Programming I View PDF	AFSC-3D0X4	computer network, data analysis, database, database administration, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cyber Systems Operation View PDF	AFSC-3D0X2	business analytics, business intelligence, computer network, data analysis, database, database administration, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cyber Transport Systems View PDF	AFSC-3D1X2	business analytics, business intelligence, computer network, data analysis, database, database administration, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cyberspace System Operations View PDF	AFSC-1B4X1	business analytics, business intelligence, computer network, data analysis, database, database administration, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware



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Operations Intelligence View PDF	AFSC-1N0X1	business analytics, business intelligence, computer network, data analysis, database, database administration, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Biomedical Equipment View PDF	AFSC-4A2X1	information technology, technician, database, database administration	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 205, Computer Operating Systems II	Computer Fundamentals A+ Software Security+ Windows Server Administration
Fusion Analyst View PDF	AFSC-1N4X1	computer network, database, electronic health and personnel records, information technology	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 205, Computer Operating Systems II	Computer Fundamentals A+ Software Security+ Windows Server Administration

ARMY

Signal Support Systems Specialist	MOS-25U-001 ACE Military Guide	business analytics, computer network, data analysis, database, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Nodal Network Systems Operator-Maintainer	MOS-25N-002 ACE Military Guide	network administrator	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Nodal Network Systems Operator-Maintainer	MOS-25N-001 ACE Military Guide	computer network, database, help desk, information technology, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware



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Signals Intelligence Analyst	MOS-35N-004 ACE Military Guide	computer network, data analysis, database, database administration, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Information Technology Specialist	MOS-25B-003 ACE Military Guide	computer networks, information technology, system administration, network administration, information assurance, security services, network operations, service desk management	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Electro-Magnetic Spectrum Manager	MOS-25E-001 ACE Military Guide	computer network, data analysis, database, database administration, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Microwave Systems Operator-Maintainer View PDF	MOS-25P-002	computer network, data analysis, database, database administration, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Satellite Communication Systems Operator-Maintainer	MOS-25S-003 ACE Military Guide	computer network, database, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cryptologic Network Warfare Specialist	MOS-35Q-002 ACE Military Guide	computer network, data analysis, database, database administration, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware



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Military Intelligence (MI) Systems Maintainer/Integrator	MOS-35T-005 ACE Military Guide	computer network, data analysis, database, database administration, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Air Defense Command, Control, Communications, Computers and Intelligence Tactical Operations Center Enhanced Operator/Maintainer	MOS-14J-002 ACE Military Guide	computer network, database, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Multichannel Transmission Systems Operator-Maintainer	MOS-25Q-002 ACE Military Guide	computer network, database, help desk, information technology, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Counterintelligence Agent	MOS-35L-005 ACE Military Guide	computer network, data analysis, database, database administration, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Radio Operator-Maintainer	MOS-25C-002 ACE Military Guide	computer network, database, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Geospatial Intelligence Imagery Analyst	MOS-35G-006 ACE Military Guide	computer network, database, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware



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Signals Collector/Analyst	MOS-35S-005 ACE Military Guide	computer network, information technology, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 205, Computer Operating Systems II	Computer Fundamentals A+ Software Security+ Windows Server Administration
Cable Systems Installer-Maintainer	MOS-25L-003 ACE Military Guide	computer network, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 205, Computer Operating Systems II	Computer Fundamentals A+ Software Security+ Windows Server Administration
Intelligence Analyst	MOS-35F-005 ACE Military Guide	analyst, information technology	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I	Computer Fundamentals A+ Software

COAST GUARD

Information Systems Management	CGR-ISM-001 ACE Military Guide	computer network, database, help desk, information technology, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Information Systems Technician	CGR-IT-002 ACE Military Guide	database administration, information technology, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Information Systems Management	CGW-ISM-001 ACE Military Guide	business analytics, computer network, data analysis, database, database administration, information technology, network analyst, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware



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Electronics	CGW-ELC-003 ACE Military Guide	computer network, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Operations Systems	CGW-OSS-001 ACE Military Guide	computer network, help desk, information technology, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Marine Science Technician	CGR-MST-003 ACE Military Guide	technician, information technology, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Windows Server Administration A+ Hardware
Operations Specialist	CGR-OS-002 ACE Military Guide	database, help desk	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Windows Server Administration A+ Hardware
Intelligence Specialist	CGR-IS-002 ACE Military Guide	business intelligence, data analysis	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I	Computer Fundamentals A+ Software
Yeoman	CGR-YN-004 ACE Military Guide	computer network, database, electronic health and personnel records (PHI, PII), information technology	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I	Computer Fundamentals A+ Software



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MARINE CORPS				
Information Assurance Technician View PDF	MCE-0689-001	business analytics, business intelligence, computer network, data analysis, database, database administration, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Electronics Maintenance Technician	MCE-2862-001 ACE Military Guide	computer network, help desk, information technology, network administrator, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Tactical Data Systems Technician	MCE-5974-001 ACE Military Guide	computer network, data analysis, database, database administration, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Technical Control Chief	MCE-2823-001 ACE Military Guide	computer network, database, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Electro-Optical Ordnance Repairer	MCE-2171-001 ACE Military Guide	computer network, information technology, database	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 205, Computer Operating Systems II	Computer Fundamentals A+ Software Security+ Windows Server Administration
Metrology Technician	MCE-2874-001 ACE Military Guide	computer network, technician, help desk, information technology, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 205, Computer Operating Systems II	Computer Fundamentals A+ Software Windows Server Administration



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Navy				
Communications Intelligence Collection Operator	NER-CTR-005 ACE Military Guide	business analytics, business intelligence, computer network, data analysis, database, database administration, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cryptologic Technician, Technical View PDF	NER-CTT-005	business analytics, business intelligence, computer network, data analysis, database, database administration, information technology, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Information Systems Technician View PDF	NER-IT-003	business analytics, business intelligence, computer network, database administration, technician, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Informational Professional Officer	NWO-742X-004 ACE Military Guide	computer network, data analysis, database, database administration, technician, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Information Warfare Officer	NWO-744X-004 ACE Military Guide	business intelligence, computer network, database, database administration, network administrator, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Intelligence Technician	NWO-745X-004 ACE Military Guide	computer network, network analyst, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware



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Cryptology	LDO-644X-004 ACE Military Guide	computer network, data analysis, database, information technology, network administrator, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Intelligence	LDO-645X-003 ACE Military Guide	business analytics, business intelligence, computer network, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Meteorology/Oceanography	LDO-646X-004 ACE Military Guide	computer network, data analysis, database, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Aviation Electronics Technician (AT)	NER-AO-004 ACE Military Guide	computer network, help desk, information technology, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Aviation Electronics Technician (AT)	NER-AS-005 ACE Military Guide	computer network, help desk, information technology, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Aviation Maintenance Administrationman	NER-AZ-004 ACE Military Guide	computer network, data analysis, database, database administration, help desk, information technology, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware



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Cryptologic Technician, Administrative	NER-CTA-005 ACE Military Guide	computer network, data analysis, database, database administration, network security	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cryptologic Technician, Interpretive	NER-CTI-005 ACE Military Guide	computer network, data analysis, database, database administration, health information technology, information technology, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cryptologic Technician, Maintenance	NER-CTM-005 ACE Military Guide	computer network, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Cryptologic Technician Networks	NER-CTN-002 ACE Military Guide	business analytics, business intelligence, computer network, data analysis, database, database administration, help desk, information technology, network administrator, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Electronics Technician, (Communications)	NER-ETR-002 ACE Military Guide	computer network, database, database administration, help desk, information technology, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 116, Virtualization CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Introduction to Virtualization Windows Server Administration A+ Hardware
Information Professional Officer	LDO-642X-004 ACE Military Guide	computer network, network analyst, network security, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security CIS 205, Computer Operating Systems II CIS 206, Computer Support I	Computer Fundamentals A+ Software Security+ Windows Server Administration A+ Hardware



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Intelligence Specialist	NER-IS-004 ACE Military Guide	business intelligence, data analysis, help desk, information technology, network systems	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security	Computer Fundamentals A+ Software Security+
Personnel Specialist	NER-PS-001 ACE Military Guide	business analytics, business intelligence, data analysis, database, electronic health and personnel records (PHI, PII), information technology	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security	Computer Fundamentals A+ Software Security+
Yeoman	NER-YN-004 ACE Military Guide	database, database administration, electronic health and personnel records (PHI, PII), information technology	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I CIS 110, Introduction to Computer Security	Computer Fundamentals A+ Software Security+
Imagery Analysis Specialist	MCE-0241-001 ACE Military Guide	computer network	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I	Computer Fundamentals A+ Software
Aviation Support Equipment Technician (AS)	NER-AME-004 ACE Military Guide	computer network	CIS 100, Computer Literacy CIS 105, Computer Operating Systems I	Computer Fundamentals A+ Software



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Whatcom Community College Course Number	WCC Course Name	Course Outcomes	Generally Equivalent to ...
CIS 100	Computer Literacy	<ul style="list-style-type: none">• Apply basic computer terminology and technological concepts to daily interactions with computers.• Describe the evolution of the Internet.• Develop a recommendation for the purchase of a computer based on its intended use (hardware, O/S, and application software).• Explain the advantages of using a computer network.• Use internet search tools.• Describe common ethical dilemmas in the age of computers and the Internet (privacy, copyright, access to information, etc.)• Describe sustainable e-waste practices and implications of improper e-waste disposal.	Computer Fundamentals
CIS 105	Computer Operating Systems I	<ul style="list-style-type: none">• Describe the boot process and the basic interactions between hardware and software.• Install and update an operating system.• Perform the daily tasks involved in managing and troubleshooting operating systems.• Use the command line to perform routine tasks.• Identify and interpret system events logged on a system.• Describe and demonstrate file security and file sharing methods.• Backup, modify, and recover critical files.• Carry out the recovery of a failed system.	A+ Software



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Whatcom Community College Course Number	WCC Course Name	Course Outcomes	Generally Equivalent to ...
CIS 110	Introduction to Computer Security	<ul style="list-style-type: none"> ● Explain and differentiate the security principles of confidentiality, integrity, and availability. ● Distinguish types of malware and attacks. ● Apply tools and techniques for vulnerability assessment. ● Implement host security. ● Explain the security function and purpose of network devices and technologies. ● Identify types of authentication and perform basic configuration. ● Distinguish types of cryptography and their uses. ● Implement basic mobile security. 	Security +
CIS 116	Virtualization	<ul style="list-style-type: none"> ● Set up and configure a virtual network. ● Troubleshoot virtual network issues. ● Secure virtual networks. ● Apply virtualization to the workplace. ● Implement disaster recovery. 	Introduction to Virtualization
CIS 205	Computer Operating Systems II	<ul style="list-style-type: none"> ● Manage a Windows Server environment. ● Administer configuration of Active Directory and related services. ● Summarize Active Directory design and account management methods. ● Implement Group Policy configuration and management. ● Employ Active Directory Certificate Services. ● Perform implementation of Internet Information Services for Web Services. ● Implement installation of Virtualized networks using Hyper-V. ● Conduct command line configuration and management using Core Server and PowerShell. 	Windows Server Administrator



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Whatcom Community College Course Number	WCC Course Name	Course Outcomes	Generally Equivalent to ...
CIS 206	Computer Support I	<ul style="list-style-type: none">● Identify all parts of a basic Personal Computer.● Discuss the functions and interactions of PC subsystems.● Select quality PCs and constituent components based on performance and cost.● Perform installation, replacement, and upgrades of PC hardware components and peripherals.● Implement and troubleshoot a simple Local Area Network.● Troubleshooting and repair faulty PC components and peripherals.● Generate Help Desk reports.● Use customer support skills and techniques.	A+ Hardware



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