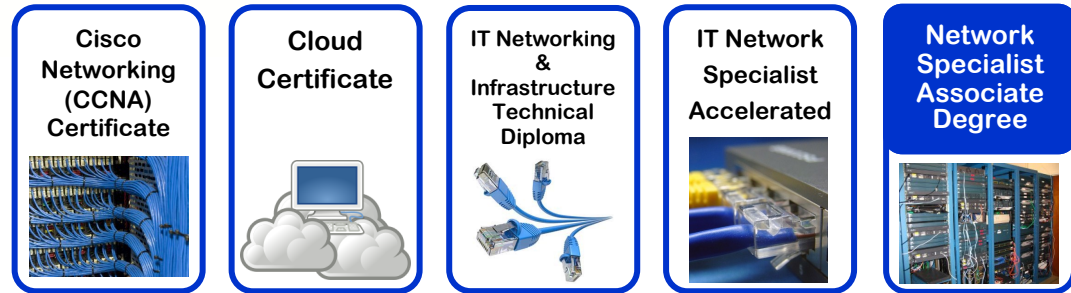


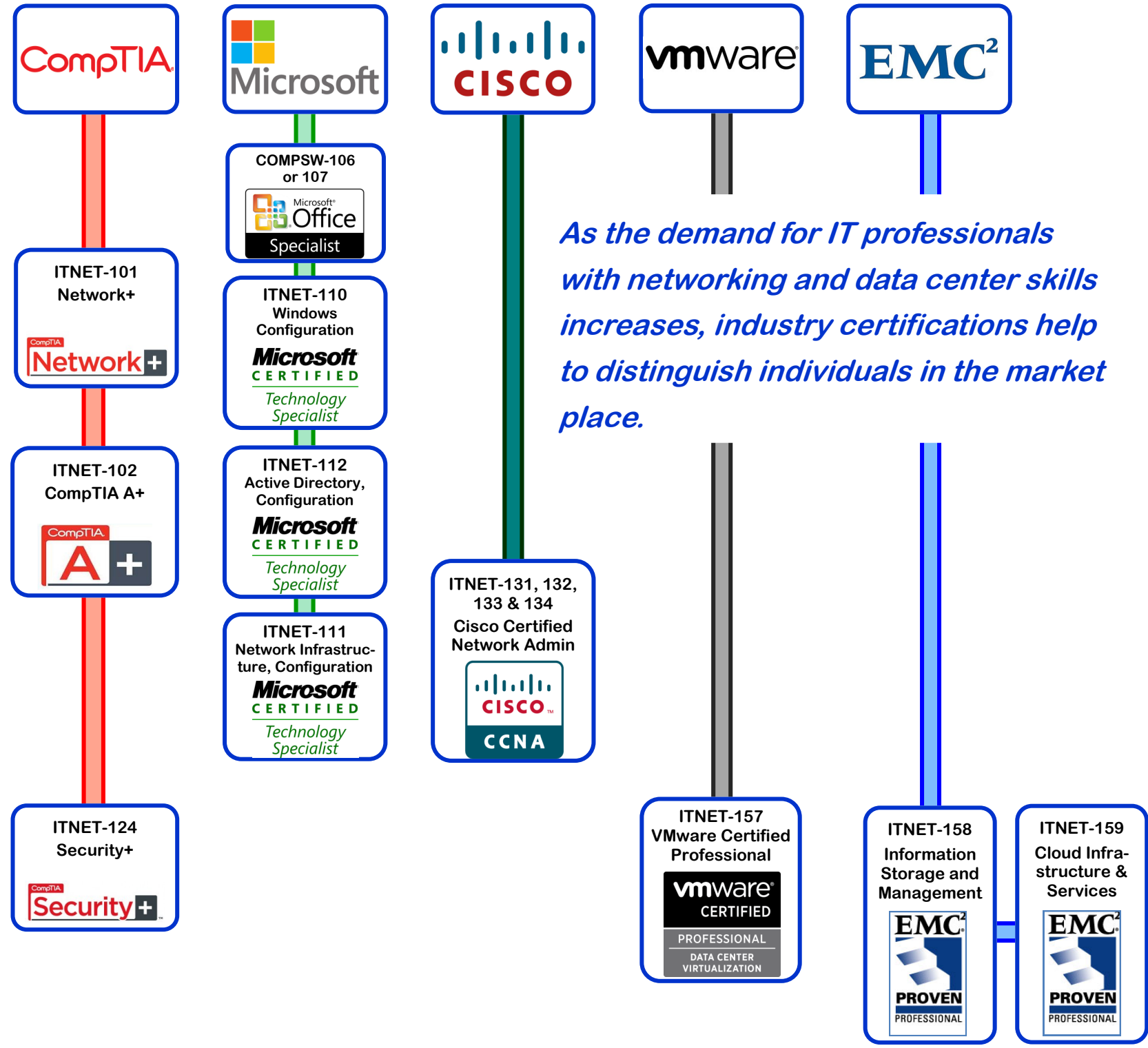


Information Technology Pathways

IT Network Specialist



Year	Semester	Course	Cloud Certificate	IT Networking & Infrastructure Technical Diploma	IT Network Specialist Accelerated	Network Specialist Associate Degree
YEAR 1	SEMESTER 1	COMPSW-106 or 107 Introduction / Intermediate Office				
		ITNET-101 Network+		✓	✓	✓
	SEMESTER 2	IT-107 Social Networking			✓	✓
		ITNET-131 (CISCO 1) Networking Fundamentals	✓		✓	✓
YEAR 2	SEMESTER 2	ITNET-110 Manage Windows Desktop OS		✓	✓	✓
		ITNET-132 (CISCO 2) Routing Protocols Concepts	✓		✓	✓
	SEMESTER 3	ITSUP-102 CompTIA A+ Essentials			✓	✓
		ITNET-112 MS Server 1		✓	✓	✓
SEMESTER 3	SEMESTER 3	ITNET-133 (CISCO 3) LAN Switching and Wireless	✓		✓	✓
		ITNET-111 MS Server 2		✓	✓	✓
	SEMESTER 4	ITNET-134 (CISCO 4) Accessing the WAN	✓		✓	✓
		ITSEC-124 Security+			✓	✓
SEMESTER 4	SEMESTER 4	ITNET-157 Emerging Technologies		✓	✓	✓
		ITNET-198 Network Specialist Internship			✓	✓
	SEMESTER 4	ITNET-199 Integrated Project			✓	✓
		ITNET-158 (Elective) SAN Technologies		✓		
		ITNET-159 (Elective) Cloud Services	✓			



As the demand for IT professionals with networking and data center skills increases, industry certifications help to distinguish individuals in the market place.

Starting Salary Ranges \$20k—\$40k

Starting Salary Ranges \$40k—\$80k



Information Technology Pathways

IT Network Specialist

COMPSW-106 or 107 (Microsoft Office)

Demonstrate that you have the skills needed to get the most out of Microsoft Office by earning a Microsoft Office Specialist certification in a specific Office program. Earning a Microsoft Office Specialist certification is a prerequisite to pursuing the higher-level Microsoft Office Specialist Expert and Microsoft Office Specialist Master certifications.

<http://www.microsoft.com/learning/en-us/mos-certification.aspx>



ITSUP-102 (A+ Essentials)

The CompTIA A+ certification is the starting point for a career in IT. The exams cover maintenance of PCs, mobile devices, laptops, operating systems and printers.

<http://certification.comptia.org/getCertified/certifications/a.aspx>



ITNET-112 (Server Infrastructure)

A Microsoft Certified Technology Specialist certification proves your skills on a particular Microsoft technology, such as the Windows Server operating system. Your MCTS certification will remain valuable as long as companies are using the technology on which it certifies.

<http://www.microsoft.com/learning/en-us/exam-70-642.aspx>



ITNET-131,132,133 & 134 (Cisco)

Cisco Certified Network Associate (CCNA) Routing and Switching is a certification program for entry-level network engineers that helps maximize your investment in foundational networking knowledge and increase the value of your employer's network. CCNA Routing and Switching is for Network Specialists, Network Administrators, and Network Support Engineers with 1-3 years of experience. The CCNA Routing and Switching validates the ability to install, configure, operate, and troubleshoot medium-size routed and switched networks.

<http://www.cisco.com/web/learning/certifications/associate/ccna/index.html>



ITNET-101 (Network+)

The CompTIA Network+ certification is the sign of a qualified networking professional. The exam covers network technologies, installation and configuration, media and topologies, management, and security. Candidate job roles include network administrator, network technician, network installer, help desk technician and IT cable installer.

<http://certification.comptia.org/getCertified/certifications/network.aspx>



ITNET-111 (Active Directory)

A Microsoft Certified Technology Specialist certification proves your skills on a particular Microsoft technology, such as the Windows Server operating system. Your MCTS certification will remain valuable as long as companies are using the technology on which it certifies.

<http://www.microsoft.com/learning/en-us/exam-70-640.aspx>



ITNET-157 (Emerging Technologies)

This industry-recognized certification requires completion of a VMware-authorized training course and hands-on experience with VMware technologies. VCP-DCV certification confirms that you have the education needed to successfully install, deploy, scale and manage VMware vSphere environments, as well as the skills obtained by a hands on labs with VMware infrastructure technologies.

<http://mylearn.vmware.com/mgrReg/plan.cfm?plan=12457&ui=www>



ITNET-110 (Windows Desktop)

A Microsoft Certified Technology Specialist certification proves your skills on a particular Microsoft technology, such as the Windows desktop operating system. Your MCTS certification will remain valuable as long as companies are using the technology on which it certifies.

<http://www.microsoft.com/learning/en-us/exam-70-680.aspx>



ITSEC-124 (Security +)

CompTIA Security+ not only ensures that candidates will apply knowledge of security concepts, tools, and procedures to react to security incidents, it ensures that security personnel are anticipating security risks and guarding against them.

<http://certification.comptia.org/getCertified/certifications/security.aspx>



ITNET-158 (SAN) *Elective

Benefits storage architects, administrators, or managers; CIOs or project managers; or recent additions to information and storage management teams. You will learn to make informed decisions about storing, managing, and protecting digital information in classic, virtualized, and cloud environments.

<https://education.emc.com/guest/certification/framework/stf/stf.aspx>

