

Mapping ICT to ITE5

Cisco ITE5 Curriculum	ICT (Compulsory)	Networking Elective (ONLY)	Networking Elective (with Core)	Counting
Chapter 0: IT Essentials				
0.0 Navigating the Course				1
0.1 Introduction to Information Technology				1
0.2 IT Industry				1
Chapter 1: Introduction to the Personal Computer				
1.1: Personal Computer Systems	1		1	1
1.2: Selecting Replacement Computer Components	1		1	1
1.3: Configurations for Specialized Computer Systems	1		1	1
Chapter 2: Lab Procedures and Tool Use				
2.1: Safe Lab Procedures				1
2.2: Proper Use of Tools				1
Chapter 3: Computer Assembly				
3.1: Computer Assembly	1		1	1
3.2: Boot the Computer	1		1	1
3.3: Upgrading and Configuring a PC	1		1	1
Chapter 4: Overview of Preventative Maintenance and Troubleshooting				
4.1: Preventive Maintenance				1
4.2: Troubleshooting Process				1
Chapter 5: Operating Systems				
5.1: Modern Operating Systems	1		1	1
5.2: Operating System Installation	1		1	1
5.3: The Windows GUI and Control Panel	1		1	1
5.4: Client-Side Virtualization	1		1	1
5.5: Common Preventive Maintenance Techniques for Operating Systems	1		1	1
5.6: Basic OS Troubleshooting	1		1	1
Chapter 6: Networks				

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6.1: Principles of Networking	1	1	1	1
6.2: Identifying Networks	1	1	1	1
6.3: Basic Networking Concepts and Technologies	1	1	1	1
6.4: Physical Components of a Network	1	1	1	1
6.5: Network Topologies	1	1	1	1
6.6: Ethernet Standards	1	1	1	1
6.7: OSI and TCP/IP Data Models		1	1	1
6.8: Computer to Network Connection	1	1	1	1
6.9: Select an ISP Connection Type		1	1	1
6.10: Common Preventative Maintenance Techniques Used for Networks		1	1	1
6.11: Basic Troubleshooting Process for Networks		1	1	1
Chapter 7: Laptops				
7.1: Laptop Components	1		1	1
7.2: Laptop Display Components	1		1	1
7.3: Laptop Power	1		1	1
7.4: Laptop Wireless Communication Technologies	1		1	1
7.5: Laptop Hardware and Component Installation and Configuration	1		1	1
7.6: Common Preventive Maintenance Techniques for Laptops	1		1	1
7.7: Basic Troubleshooting for Laptops	1		1	1
Chapter 8: Mobile Devices				
8.1: Mobile Device Hardware Overview	1		1	1
8.2: Mobile Device Operating Systems	1		1	1
8.3: Network Connectivity and Email	1		1	1
8.4: Methods for Securing Mobile Devices	1		1	1
8.5: Basic Troubleshooting for Mobile Devices	1		1	1
Chapter 9: Printers				
9.1: Common Printer Features	1		1	1

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9.2: Types of Printers	1		1	1
9.3: Installing and Configuring Printers	1		1	1
9.4: Sharing Printers	1	1	1	1
9.5: Preventive Maintenance Techniques for Printers	1		1	1
9.6: Basic Troubleshooting for Printers	1		1	1
Chapter 10: Security				
10.1: Security Threats	1	1	1	1
10.2: Security Procedures	1	1	1	1
10.3: Common Preventive Maintenance Techniques for Security	1	1	1	1
10.4: Basic Troubleshooting Process for Security	1	1	1	1
Chapter 11: The IT Professional				
11.1: Communication Skills and the IT Professional				1
11.2: Ethical and Legal Issues in the IT Industry				1
11.3: Call Center Technicians				1
Chapter 12: Advanced Troubleshooting				
12.1: Computer Components and Peripherals	1		1	1
12.2: Operating Systems	1		1	1
12.3: Networks	1	1	1	1
12.4: Laptops	1		1	1
12.5: Printers	1		1	1
12.6: Security	1	1	1	1
	47	18	51	61
	77%	30%	84%	100%