

# *E-LEARNING*

## A.1.1 - NETWORKING AND DATACOMMUNICATIONS BASICS

	<b>Titoli SkillSoft e-learning a disposizione di ELEA S.p.A Gruppo De Agostini</b>
A.1.1.1 Signals and Systems, network and standard	<ul style="list-style-type: none"><li>● Telecommunications Essentials</li><li>● Data Communications: Signals and Systems</li><li>● Data Communication: Networks and Standard</li><li>● Protocol Layers and the ISO/OSI Model</li><li>● Internetworking: Essential</li><li>● Protocol Layers and the OSI Model</li><li>● LAN Media and Components</li><li>● Telecommunications Essentials</li><li>● Data Communication: Networks and Standard</li><li>● WAN technologies</li><li>● Telecommunications Essentials</li><li>● Data Communications: Signals and Systems</li><li>● Data Communication: Networks and Standard</li><li>● WAN technologies</li></ul>

## A.2.1 - LAN TECHNOLOGY

	<b>Titoli SkillSoft e-learning a disposizione di ELEA S.p.A Gruppo De Agostini</b>
A.2.1.1 Definition and characteristics	<ul style="list-style-type: none"><li>● Enterprise Operating System Principles</li><li>● Enterprise Operating System Technologies</li><li>● LAN Media and Components</li><li>● LAN Topologies and Techniques</li><li>● Network Operations and Protocols: IEEE and the 802.2 LLC</li><li>● Network Operations and Protocols: IEEE Ethernet, Fast Ethernet, and Gigabit Ethernet</li><li>● Network Operations and Protocols: IEEE 802.5 Token Ring</li><li>● Network Operations and Protocols: FDDI, ATM and High-Speeds LANs</li></ul>
A.2.2 Virtual LAN (VLAN)	<ul style="list-style-type: none"><li>● Internetworking: Virtual LAN</li></ul>

## A.3.1 - WAN TECHNOLOGY

	<b>Titoli SkillSoft e-learning a disposizione di ELEA S.p.A Gruppo De Agostini</b>
A.3.1.1 WAN Technologies	● Telecommunications Essentials
A.3.1.2 The PSTN network	● Data Communications: Signals and Systems
A.3.1.3 Modem and Interface	● Data Communication: Networks and Standard
	● WAN technologies WAN Technologies
	● Introduction to Signals and Signal Transmission
A.3.1.4 Interfaces specifications	● Introduction to Communications Methods and Equipment
	● Introduction to WAN Technologies
A.3.1.5 Signaling System 7 (SS7)	● Signaling Systems (Systems and Signals)
A.3.1.6 SONET and SDH technology	● SONET/SDH (Overview of SONET and SDH)
A.3.1.7 ISDN	● Introduction to ISDN
	● ISDN Protocols
A.3.1.8 Introducing xDSL	● Digital Subscriber Line
A.3.1.9 ADSL	
A.3.1.10 Packet Switching WANs	● Packet Switching WANs
A.3.1.11 X.25 Network	● Introduction to X.25 Networking
	● X.25 Protocols and Operation
A.3.1.12 Fast Packet Technologies	● Fast Packet Technologies
A.3.1.13 Frame Relay	● Frame Relay: Concepts and Operation
	● Frame Relay: Protocols and Implementation
	● Frame Relay Concepts
	● Frame Relay Signaling and Applications
A.3.1.14 ATM	● ATM Principles
	● ATM Networking
	● ATM Architecture and Protocols
	● Overview of ATM
	● Protocol Models
	● ATM Standards and Applications
A.3.1.15 B-ISDN	● B-ISDN: Architecture and Channels
	● B-ISDN: Networks and Protocols

## A.4.1 - INTERNETWORKING

	<b>Titoli SkillSoft e-learning a disposizione di ELEA S.p.A Gruppo De Agostini</b>
A.4.1.1 Switching, Bridging and Routing	<ul style="list-style-type: none"><li>● Fundamentals of Internetworking</li><li>● Internetworking: Essentials</li><li>● Internetworking: Devices</li></ul>
A.4.1.2 Bridging protocols	<ul style="list-style-type: none"><li>● Internetworking: Bridging Protocols</li></ul>
A.4.1.3 Routing Fundamentals	<ul style="list-style-type: none"><li>● Routing Fundamentals</li><li>● Routing Protocols: NetWare RIP and NLSP Routing</li><li>● Routing Protocols: RIP, EGP, and BGP</li><li>● Routing Protocols: Link-State Routing with OSPF</li></ul>
A.4.1.4 TCP/IP	<ul style="list-style-type: none"><li>● Introducing TCP/IP</li><li>● Internet Protocol</li><li>● TCP, UDP, Gateway, and Routing Protocols</li><li>● TCP/IP Architecture and Routing</li><li>● TCP/IP Protocols</li><li>● TCP/IP Management: SNMP</li><li>● TCP/IP Applications</li></ul>
A.4.1.5 Virtual Private Network (VPN)	<ul style="list-style-type: none"><li>● Virtual Private Network Solutions</li></ul>

## A.5.1 - WIRELESS INTER-NETWORKING

	<b>Titoli SkillSoft e-learning a disposizione di ELEA S.p.A Gruppo De Agostini</b>
A.5.1.1 Fundamentals of wireless LANs	<ul style="list-style-type: none"><li>● Wireless Home Networking (Getting Started with Wireless Home Networking)</li><li>● Wireless LANs (Wireless LAN Technologies)</li><li>● Wireless Network Basics for the Home and Small Business (Getting Started with Wireless Networking)</li></ul>
A.5.1.2 Using and designing wireless LANs	<ul style="list-style-type: none"><li>● Wireless Technologies (Wireless Communication Basics, 1G and 2G Communication Systems, 2.5G Communication Systems, 3G Communication Systems, Alternative Access Methods in a Wireless Environment, Bluetooth and Home RF)</li></ul>

## B.1.1 - Network Operating System - UNIX / LINUX

	<b>Titoli SkillSoft e-learning a disposizione di ELEA S.p.A Gruppo De Agostini</b>
B.1.1.1 Overview of Computer Operating Systems	<ul style="list-style-type: none"><li>● UNIX: Overview</li><li>● UNIX: Exploring the Filesystem</li><li>● UNIX: Working with Files</li><li>● UNIX: Using Editors</li><li>● UNIX: Process and Data Utilities</li><li>● UNIX: The User Environment</li><li>● UNIX: Using the Shell</li><li>● UNIX: Shell Programming</li><li>● UNIX: Operating System Fundamentals (Introduction to UNIX, UNIX System Architecture)</li><li>● UNIX: The User Environment (Customizing the UNIX User Environment, Working with UNIX Files and Directories, Working with UNIX Programs, Text Editing and Printing in UNIX)</li><li>● Linux: Getting Started</li><li>● Linux: Fundamentals</li><li>● Linux: Configuring the System</li><li>● Linux: Basic Networking</li><li>● Linux: Basic System Administration 1 (Using the Shell in Linux, Managing the File system in Linux, Administration Tasks in Linux )</li><li>● Linux: Basic System Administration 2 (Hardware Considerations for Linux Installations, Installation and Package Management for Linux, Updating the Kernel in Linux )</li><li>● Linux: Basic System Administration 3 (Editing and Printing in Linux, Shell Scripting in Linux)</li><li>● Linux: Basic System Administration 4 (Networking Fundamentals for Linux Administrators, Networking Services in a Linux Environment, Security within a Linux Environment)</li></ul>

## B.1.2 - Network Operating System - Windows 2000 Server

	<b>Titoli SkillSoft e-learning a disposizione di ELEA S.p.A Gruppo De Agostini</b>
B.1.2.1 Overview of Computer Operating Systems 	<ul style="list-style-type: none"><li>● Microsoft Windows 2000 Update: New Features and Architecture Microsoft</li><li>● Microsoft Windows 2000 Installation and Administration: Installation</li><li>● Microsoft Windows 2000 Installation and Administration: Administration</li><li>● Microsoft Windows 2000 Installation and Administration: Users</li><li>● Microsoft Windows 2000 Installation and Administration: Groups and Terminal Services</li><li>● Microsoft Windows 2000 Installation and Administration: Files and Folders</li><li>● Microsoft Windows 2000 Installation and Administration: Advanced File and Folder Management</li><li>● Microsoft Windows 2000 Installation and Administration: Hardware Configuration and Optimization</li><li>● Microsoft Windows 2000 Installation and Administration: Storage and Printing</li><li>● Microsoft Windows 2000 Installation and Administration: Events</li><li>● Microsoft Windows 2000 Installation and Administration: Backup and Recovery</li><li>● Microsoft Windows 2000 Network Protocols and Remote Access</li><li>● Microsoft Windows 2000 Implementing a Network Infrastructure: Addressing and Naming Services</li><li>● Microsoft Windows 2000 Implementing a Network Infrastructure: IP Routing</li><li>● Microsoft Windows 2000 Implementing a Network Infrastructure: Security</li><li>● Microsoft Windows 2000 - Group Policy</li><li>● Microsoft Windows 2000 Implementing an Active Directory Infrastructure: Installation and Configuration</li><li>● Microsoft Windows 2000 Implementing an Active Directory Infrastructure: Replication and DNS</li><li>● Microsoft Windows 2000 Implementing an Active Directory Infrastructure: Security and Management</li></ul>