

COMPTIA STRATA: FUNDAMENTALS OF IT TECHNOLOGY (GLOBAL)

Available Dates: **Request Dates**

Class Length: **5 day**

Cost: **\$2,495**

[Email Computer Visions about this class](#)

Class Outline:

Course Description:

This course covers that basics of personal computers, both software and hardware, networks, the Internet, computer security, green IT, and basic maintenance. The course requires little or no previous experience with personal computers. Students will get most out of this course if their goal is to learn the basics of personal computers and networking. This course also helps students prepare for the exam CompTIA Strata: Fundamentals of IT Technology.

Course Outline:

Unit 1: Personal computer basics

Topic A: Computer components

Topic B: What makes computers work

Topic C: Window management

Unit 2: Managing computer contents

Topic A: Storing items on your computer

Topic B: Working with folders

Topic C: Working with files

Topic D: Advanced file and folder management

Unit 3: Searching for content and using Help

Topic A: Content searches

Topic B: Windows Help and Support

Unit 4: Windows settings

Topic A: The desktop and Start menu

Topic B: Taskbar and display settings

Topic C: System settings

Unit 5: System tools

Topic A: Performance

Topic B: Hard disk maintenance

Topic C: Backups

Unit 6: Software

Topic A: Working with programs

Unit 7: Windows security

Topic A: User accounts

Topic B: Windows Firewall

Topic C: Automatic updates

Topic D: Malware

Unit 8: Windows networking

Topic A: Basic networking

Topic B: Network connections

Topic C: Advanced file sharing

Topic D: Printer sharing

Unit 9: Web browsing basics

Topic A: Browsing the Web

Topic B: Internet basics

Unit 10: Browsing with Internet Explorer 7

Topic A: The Favorites Center

Topic B: Tabbed browsing

Topic C: Searching

Unit 11: Customizing Internet Explorer

Topic A: Customization

Topic B: Zooming, saving, and printing

Topic C: Add-ons

Topic D: Multimedia content

Unit 12: Internet privacy and security

Topic A: Privacy

Topic B: Security

Unit 13: Printing

Topic A: Windows printing

Topic B: Managing print jobs

Topic C: Inkjet printers

Topic D: Laser printers

Unit 14: Display devices

Topic A: External monitors

Topic B: Integrated monitors

Unit 15: Connectors and adapters

Topic A: Serial and PS/2 connections

Topic B: USB and FireWire

Unit 16: Multimedia devices

Topic A: Devices and drivers

Topic B: Audio devices

Topic C: Scanners and cameras

Unit 17: Processors and memory

Topic A: The central processing unit

Topic B: Memory

Topic C: Memory packaging

Topic D: Memory monitoring

Unit 18: Data storage devices

Topic A: Optical drives

Topic B: Removable storage devices

Topic C: Hard drives

Unit 19: Network basics

Topic A: Network concepts

Topic B: Wide area networks

Unit 20: Networking protocols and connections

Topic A: Addressing

Topic B: Client configuration

Unit 21: Network security overview

Topic A: Introduction to network security

Topic B: Understanding security threats

Topic C: Creating a secure network strategy

Unit 22: Safety and green IT

Topic A: Safety and hazards

Topic B: Electrical safety

Topic C: Green IT

Topic D: Disposing of computer equipment

Unit 23: Computer hardware care and maintenance

Topic A: Environment

Topic B: Preventive hardware maintenance