

# Classroom Requirements

---

This section lists the hardware, software and connectivity requirements to implement this course. Before class, the instructor should install and configure the instructor and student systems using the following instructions.

## Hardware requirements

---

Each classroom should be equipped with an individual computer workstation for each student and the instructor. The following table summarizes the hardware requirements for all courses in the CIW program.

*Note: The CIW hardware requirements are similar to the lowest system requirements for Microsoft implementation (Level 1 requirements) except that CIW requires increased hard disk space (20 GB) and RAM (128 MB).*

Hardware Specifications	Minimum Requirements
Processor	Intel Pentium III processor (or equivalent) with a processor speed greater than or equal to 800 MHz
L2 cache	256 KB
Hard disk	20-GB
RAM	At least 128 MB
CD-ROM	32X
Network interface card (NIC)	10BaseT or 100BaseTX (10 or 100 Mbps)
Sound card/speakers	Required for instructor station, optional for student stations
Video adapter	4 MB
Network hubs	Enough 10-port 10BaseT or 100BaseTX (10 or 100 Mbps) hubs to allow classroom computers to communicate
Monitor	Super VGA (800 x 600) resolution video graphics card and 17-inch monitor with 256 colors
Router*	Multi-homed system with three NICs (Windows 2000/2003 server)*

*\* Router only required for some security and networking courses. Please review the connectivity or network requirements for each course to determine if a router is required. Must meet universal CIW hardware requirements.*