

# INSTRUCTIONAL SYSTEMS INC.

## ISI RELEASE 3.0 MINIMUM HARDWARE SPECIFICATIONS

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**The following are minimum hardware requirements for ISI Release 3.0 courseware and management system: \***

### **Standalone Station (Laptop or Desktop/Tower)**

- CPU: Pentium III class processor 800 MHz minimum
- Main Memory: 128 MB RAM minimum (256 MB recommended for Windows 2000 and higher)
- Display: 17" color VGA monitor, built-in speakers are recommended
- Display: 1024 x 768 x 32-bit color SVGA graphics adapter or higher
- Audio: 32-bit SoundBlaster compatible audio, port for microphone
- Audio: Speakers with port for headphones, or headphones
- 2.1 GB or greater local Hard Disk Drive IF courseware will be run from DVD media  
**OR** 20 GB or greater local Hard Disk Drive IF courseware will be run from hard drive
- 2x DVD-ROM drive required to install and/or run courseware from DVD (32X CD-ROM can be used to install and/or run courses that do not require DVD)  
**OR** NIC (Network Interface Card) 10/100 Mbps required for installation on hard drive
- 1.44" floppy disk drive
- Windows compatible pointing device - mouse recommended
- Windows '98 2<sup>nd</sup> Ed. or higher - Windows 2000 or XP recommended  
(256 MB main memory recommended for Windows 2000 and higher)
- UPS (Uninterruptible Power Supply), 650 VA recommended – one UPS can generally serve two stations
- 3 year on-site warranty, including parts and labor is highly recommended
- Stereo Headphones for each station
- Anti-Virus Software with auto update on all Stations\*\*
- Microsoft/Security automatic updates on all stations
- Printer

\* Minimum Hardware requirements but not new equipment purchase specifications.

\*\* Anti-Virus Software must be kept up-to-date at all times.

Notes: (1) In order to facilitate installation and maintenance, ISI recommends that the stations be equipped with LAN hardware (such as NIC), even on standalone stations.  
(2) Anti-Spyware software is highly recommended.  
(3) Internet connectivity is highly recommended.

# INSTRUCTIONAL SYSTEMS INC.

## ISI RELEASE 3.0 MINIMUM HARDWARE SPECIFICATIONS

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**The following are minimum hardware requirements for ISI Release 3.0 courseware and management system: \***

### **Local Area Network Station (Laptop or Desktop/Tower)**

- CPU: Pentium III class processor 800 MHz minimum
- Main Memory: 128 MB RAM minimum
- Display: 17" color VGA monitor, built-in speakers are recommended
- Display: 1024 x 768 x 32-bit color SVGA graphics adapter or higher
- Audio: 32-bit SoundBlaster compatible audio, port for microphone
- Audio: Speakers with port for headphones, or headphones
- 32X CD-ROM or 2x DVD-ROM drive (one station on LAN **must** have a DVD-ROM drive – others are optional)
- 1.44" floppy disk drive
- Windows compatible pointing device, mouse recommended
- 2.1 GB or greater local Hard Disk Drive (a local Hard Disk is required, no diskless workstations)
- NIC: Network Interface Card 10/100 Mbps (100 Mbps strongly recommended)
  - 100 Mbps NICs are required for LANs with more than 10 stations
- Windows '98 2<sup>nd</sup> Ed. or higher (Windows 2000 or XP recommended)
  - 256 MB main memory recommended for Windows 2000 and higher
- UPS (Uninterruptible Power Supply), 650 VA recommended – one UPS can generally serve two stations
- 3 year on-site warranty, including parts and labor is highly recommended
- Stereo Headphones for each station
- Anti-Virus Software with auto update on all Stations\*\*
- Microsoft/Security automatic updates on all stations

### **Local Area Network (LAN) File Server:**

- CPU: Multiprocessor Capable Server Hardware
- CPU: Pentium III class processor 800 MHz or higher recommended
- Main Memory: 512 MB RAM, 1 GB recommended
- Operating System: Windows 2000, XP, or 2003 Advanced Server
  - 1 GB is highly recommended for Windows 2000 Advanced Server and up
  - For each 25 stations, allocate an additional 512 MB RAM
- Display: 15" color VGA monitor
- Display: 800 x 600 x 16-bit (65536) color SVGA graphics adapter or higher
- 48X CD-ROM or DVD-ROM drive (for loading software).
- 1.44" floppy disk drive
- Windows compatible pointing device, preferably a mouse

- Dual (2) 9 GB SCSI, or EIDE hard disk drives, 18 GB recommended
  - Additional storage and RAID configurations recommended
- NIC: Network Interface Card. Ethernet
  - Two (Dual 100) Mbps NIC cards required to Switch
  - Additional NIC cards are highly strongly recommended
  - For each additional 25 stations, allocate an additional NIC card
- Tape Backup Unit required, DLT recommended
- Switch: Multiport, full-duplex capable - shared Hubs are not recommended
- Network Printer, HP recommended
- UPS (Uninterruptible Power Supply), high capacity
  - 1000 VA recommended.
  - UPS can generally serve the server, switch, router, and firewall
- Tested 100 Mbps Cat 5e (full duplex) Ethernet Network Wiring
- 3 year on-site warranty, including parts and labor is highly recommended
- Server Rack
- Patch Panel (for ethernet wiring)
- Anti-Virus Software with auto update on Server\*\*
- Microsoft/Security automatic updates on Server

\* Minimum Hardware requirements but not new equipment purchase specifications.

\*\* Anti-Virus Software must be kept up-to-date at all times.

Notes: (1) Anti-Spyware software is highly recommended.  
 (2) Internet connectivity is highly recommended.