

# Basic Computer Seminar



Presented by PC Solutions and Training  
155 Grove Street, Suite B  
Chicopee, MA 01020  
Tel: (413) 594-5599 Fax: (413) 594-9955  
[www.pcsolutions2001.com](http://www.pcsolutions2001.com)

## Introduction

- Staff
  - Damon Slocumb – Chief Executive Officer
    - A+
    - Network+
    - 14 Years of Management Experience
    - 4 Years of Sales
    - Qualified for Sales Excellence Award, Two Years in a Row (Given to Top 10% in the Country by Circuit City)
    - Currently Teaching A+ Preparation Class at Westover Job Corps Center
  - James (Chin-Hun) Yi – Chief Technology Officer
    - A+
    - i-Net+
    - Network+
    - Server+
    - MCP+I (NT 4)
    - MCSE (NT 4) certified
    - Currently Working as the Systems Administrator at Westover Job Corps Center
  - Skip (Lynn) Clark – Marketing and Sales Director
    - BS in Physics
    - Mathematics Minor
    - Education Minor
    - Masters in Science Teaching
    - 30 Years of Teaching Science & Math
    - Currently Teaching Mathematics at Asnuntuck Community College
- Company History
  - 10/2001 – Company officially opened
  - 12/2001 – First network administration contract for Affordable Mortgage
  - 1/2002 – First A+ certification preparation class
  - 4/2002 – Second A+ certification preparation class
  - 5/2003 – Business office opened in Chicopee, MA
  - 8/2003 – Custom computer systems for Hofbrauhaus Restaurant
  - 1/2004 – Custom computer systems for Hines Financial
  - 3/2004 – In business for more than two years, and still going strong!!!

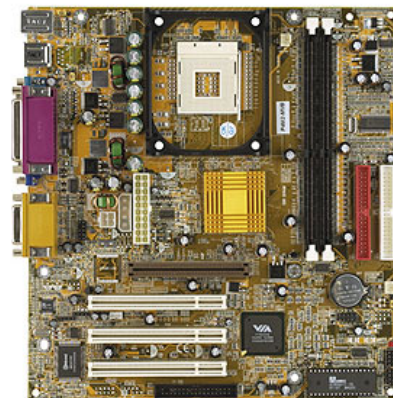
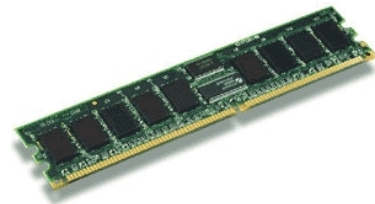
## Purpose

- This seminar is intended to bring you basic computer awareness and how to make right decisions in choosing a PC and/or peripherals such as monitor, printer, and digital cameras.
- After this seminar, you should be able to:
  - Tell different computer components
  - Tell different Windows operating systems
  - Tell different peripherals, such as monitors, printers, and digital cameras
  - Tell different Internet connection types
  - Determine what computer you want



## Computer Components

- Case: houses computer components
- Power Supply: supplies electrical power to different components
- Motherboard: electronic circuit board that holds many different components
- Processors: brain of the computer
  - Intel: Pentium 4
  - AMD: Athlon FX
- CPU Fan: cools processor
- Memory (RAM): main storage area
  - SDRAM
  - DDR
  - RDRAM (RAM Bus)
  - SODIMM
- Hard Drive: secondary storage area
- Optical Drives or CD-Drives: basically plays CD-like mediums
  - CD-ROM
  - DVD-ROM
  - CD-RW
  - DVD-RW



## Computer Peripherals

- Keyboard: main input device
- Mouse: pointing device
- Monitors: display output
  - CRT
  - LCD
- Printers: paper output
  - Inkjet Printer
  - Photo Printer
  - Laser Printer
  - All-In-One Printer
- Digital Cameras: takes pictures in digital form



## Operating Systems

- Windows 98, Windows 98 SE: basic Windows operating system, has retired
- Windows ME: enhanced Windows OS for everyday computer user
- Windows 2000 Professional: designed for business computer users
- Windows 2000 Server: serves client computers on a network
- Windows XP Home: latest everyday computer user Windows OS
- Windows XP Professional: latest business computer OS
- Windows 2003 Server: latest network server OS



## Internet Connections

- Dial-Up
  - AOL
  - MSN
  - NetZero
  - Juno
  - Earthlink
- High Speed
  - Broadband (Cable)
  - DSL (Phone)
- Comparison



	<b>Advantages</b>	<b>Disadvantages</b>
<b>Dial-Up</b>	<ul style="list-style-type: none"> <li>- Inexpensive (compared to High-Speed)</li> <li>- Readily available</li> <li>- Only needs phone jack (if the modem is installed on the computer)</li> </ul>	<ul style="list-style-type: none"> <li>- Has to dial the number to make the connection</li> <li>- Slow speed</li> <li>- Can only connect one computer at a time</li> </ul>
<b>High-Speed</b>	<ul style="list-style-type: none"> <li>- Always on, no need to dial-up</li> <li>- Generally 15 ~ 20 times faster than the dial-up connection</li> <li>- Can hook up many computers on one High-Speed connection using a Cable Modem/DSL router</li> </ul>	<ul style="list-style-type: none"> <li>- Expensive (compared to Dial-Up)</li> <li>- ISP has to provide the service</li> <li>- Needs additional equipment</li> </ul>



## PC Solutions and Training Offers

- Computers
  - Repairs
  - Upgrades
  - Custom System
- Network
  - Home Networking
  - Business Networking
    - Site Analysis
    - Network Installation
    - Network Administration
- Training
  - Basic Computer Trainings
    - Build Your Own Computer Class
    - Desktop Publishing Classes
      - Microsoft Word
      - Microsoft Excel
    - Microsoft PowerPoint
    - Microsoft Publisher
  - CompTIA™ Certification Trainings
    - A+
    - i-Net+
    - Network+
    - Server+

