



Prepared by: Jerico D. Castillo, Teacher II, SHS in San Nicholas III, Bacoor City

BIOS CONFIGURATION

PhoenixBIOS Setup Utility

Main

Advanced

Security

Power

Boot

Exit

System Time: [08:31:59]
System Date: [03/02/2012]

Legacy Diskette A: [1.44/1.25 MB 3½"]
Legacy Diskette B: [Disabled]

- ▶ Primary Master [VMware Virtual ID]
- ▶ Primary Slave [None]
- ▶ Secondary Master [VMware Virtual ID]
- ▶ Secondary Slave [None]

▶ Keyboard Features

System Memory: 640 KB
Extended Memory: 261120 KB
Boot-time Diagnostic Screen: [Disabled]

Item Specific Help

<Tab>, <Shift-Tab>, or
<Enter> selects field.

F1 Help ↑↓ Select Item -/+ Change Values F9 Setup Defaults
Esc Exit ↔ Select Menu Enter Select ▶ Sub-Menu F10 Save and Exit

Phoenix - AwardBIOS CMOS Setup Utility

▶ Standard CMOS Features

▶ BIOS Features

▶ Advanced BIOS Features

▶ Advanced Chipset Features

▶ Integrated Peripherals

▶ Power Management Setup

▶ PnP/PCI Configurations

▶ PC Health Status

▶ Frequency/Voltage Control

Load Fail-Safe Defaults

Load Optimized Defaults

Set Supervisor Password

Set User Password

Save & Exit Setup

Exit Without Saving

BIOS SETUP

- ❑ To enter the CMOS Setup, you must press a certain key or combination of keys during the initial startup sequence.
- ❑ Most systems use "Esc," "Del," "F1," "F2," "Ctrl-Esc" or "Ctrl-Alt-Esc" to enter setup.
- ❑ There is usually a line of text at the bottom of the display that tells you "Press ____ to Enter Setup."

**BIOS
MANUFACTURERS**

- ❑ American Megatrends Inc.
(AMI)
- ❑ Phoenix Technologies
- ❑ ALi
- ❑ Winbond

BIOS SETUP

Once you have entered setup, you will see a set of text screens with a number of options.

Some of these are standard, while others vary according to the BIOS manufacturer. Common options include:

BIOS SETUP

- System Time/Date** - Set the system time and date
- Boot Sequence** - The order that BIOS will try to load the operating system
- Plug and Play** - A standard for auto-detecting connected devices; should be set to "Yes" if your computer and operating system both support it

BIOS SETUP

- Mouse/Keyboard** - "Enable Num Lock," "Enable the Keyboard," "Auto-Detect Mouse"...
- Drive Configuration** - Configure hard drives, CD-ROM and floppy drives
- Memory** - Direct the BIOS to shadow to a specific memory address

BIOS SETUP

- Security** - Set a password for accessing the computer
- Power Management** - Select whether to use power management, as well as set the amount of time for standby and suspend
- Exit** - Save your changes, discard your changes or restore default settings

REMEMBER

❑ Be very careful when making changes to setup. Incorrect settings may keep your computer from booting. When you are finished with your changes, you should choose **"Save Changes"** and **exit**. The BIOS will then restart your computer so that the new settings take effect.

BOOT SEQUENCE

BOOT SEQUENCE

1. Start the computer and press ESC, F1, F2, F8 or F10 during the initial startup screen. Depending on the BIOS manufacturer, a menu may appear.
2. Choose to enter BIOS setup. The BIOS setup utility page appears.
3. Use the arrow keys to select the BOOT tab. System devices appear in order of priority.

BOOT SEQUENCE

4. To give a CD or DVD drive boot sequence priority over the hard drive, move it to the first position in the list.

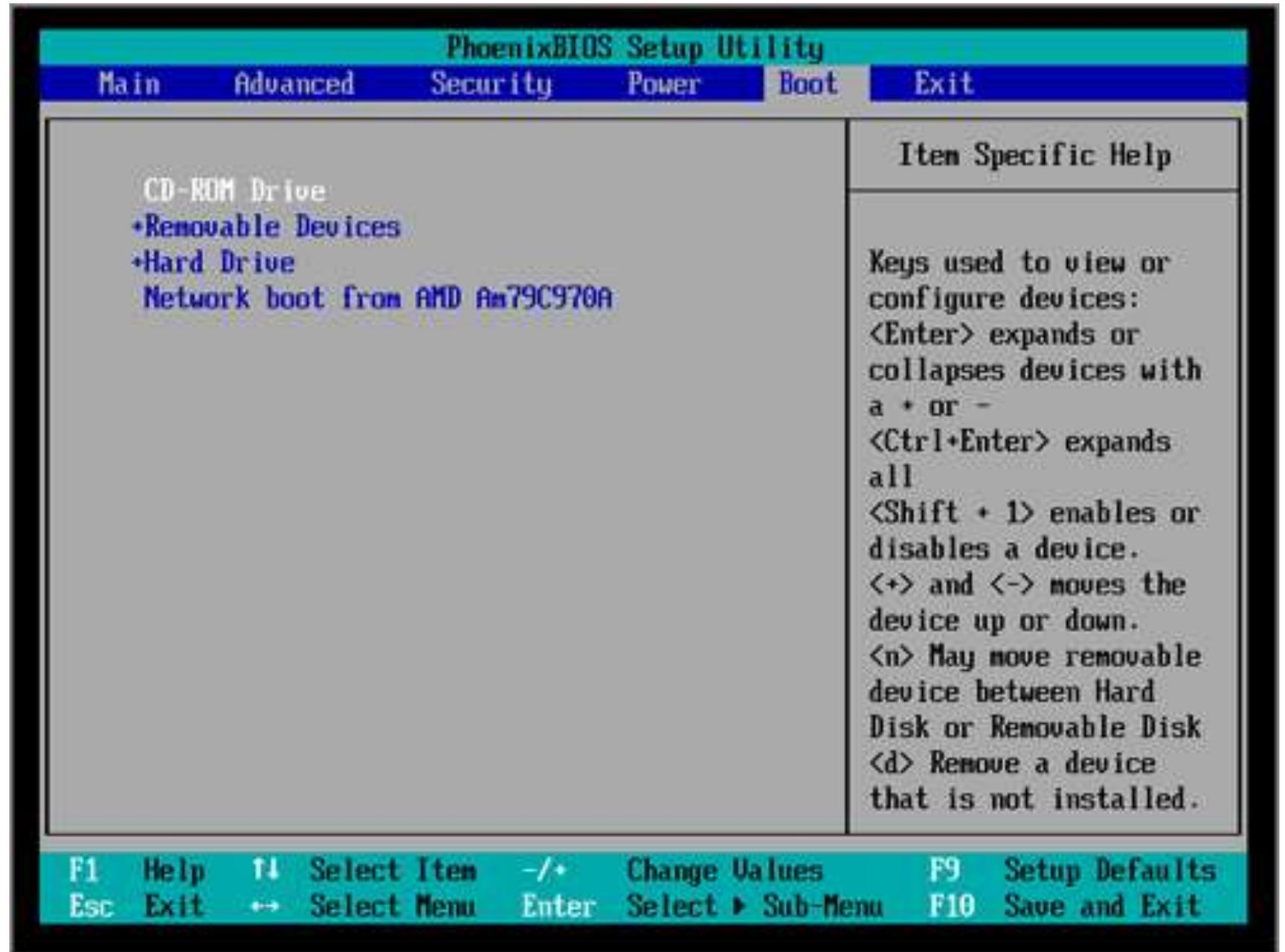
5. To give a USB device boot sequence priority over the hard drive, do the following:

- Move the hard drive device to the top of the boot sequence list.
- Expand the hard drive device to display all hard drives.
- Move the USB device to the top of the list of hard drives.

BOOT SEQUENCE

6. Save and exit the BIOS setup utility.
7. The computer will restart with the changed settings.

BOOT PRIORITY OPTIONS



BOOT PRIORITY OPTIONS

Some computer manufacturers allow you to select the device that contains the boot sequence from a special device selection menu. The example below uses a Dell system board.

To set boot priority using a device selection menu:

1. When the computer starts to boot up, after the manufacturer's ID screen, press F12 several times. The device selection menu appears.
2. Use the up and down arrows to select CD-ROM or an USB Flash Drive.
3. To boot from the selected device, press ENTER.

End of presentation



Prepared by: Jerico D. Castillo, Teacher II, SHS in San Nicholas III, Bacoor City