

Name: _____ Block #: _____ Lesson: **1**

IT FUNDAMENTALS

COMPUTERS AND COMPUTER SYSTEMS

Computer	
Computer system	
Hardware	
Software	
Data	
Information	
Special-purpose computer	
Personal computer (PC)	

Desktop computer	
Notebook computer/Laptop computer	
Server	
Web server	
Database server	
File server	
Mobile device	
Tablet PC	
Mainframe Computer	

Supercomputer	
Embedded Computer	
Motherboard	
Circuit board	
Central Processing Unit (CPU)	
Dual-core processor	
Multicore processor	
Arithmetic/logic unit (ALU)	
Control Unit	

Binary code	
Bit	
Byte	
Memory	
Random Access Memory (RAM)	
Instruction Cycle (I-cycle)	
Execution cycle (E-cycle)	
Machine Cycle	
Fetching	

Decoding	
Executing	
Storing	
Read-only memory (ROM)	
BIOS ROM	
Track	
File Allocation Table (FAT)	
Hard disk	
Optical Storage Device	

Solid-state storage	
USB Flash drive	
Network drive	
Remote storage	