

Lecture 2 Outline

Reading: White, §2

1. Course Information
 - a. All handouts and assignments are on SmartSite
 - b. First homework is out and due next Tuesday
2. Anatomy of a computer
 - a. Hardware
 - b. BIOS
 - c. Operating system
 - d. Applications
3. Hardware: Inside a computer
 - a. General layout
 - b. Busses
 - c. CPU
4. CPU in detail
 - a. CPU power
 - b. Fetch-execute cycle
 - c. Instructions
 - d. Multiprocessing (multi-core, if on same chip)
5. Memory and Storage