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