CS-301 Computer Architecture
Test I Study Guide

Disclaimer

This document is provided as a study guide only. It does not represent what will be on the Test. It highlights the important topics that you must know for the Test. The Test may include questions on concepts not included in this document.

The Following Are Important

- Exam Format:
  - True/false questions
  - Short answer questions
- Study:
  - Chapter 1: Von Neumann model, measuring Units (time, space, speed, etc.), Moore's law, generations of computers, Principle of hardware/software equivalence
  - Chapter 2: conversion from decimal to other number systems, data representation (Signed Integers, Sign-Magnitude, One's Complement, Two's Complement, Floating-Point Numbers, ASCII Code), Arithmetic (Addition and Subtraction only)

Good Luck